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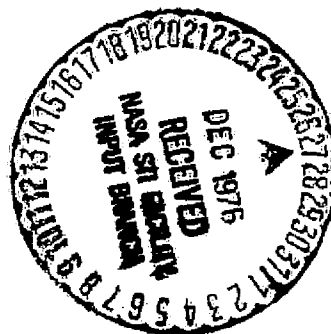
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NTISUB/B/139-76/010

LANDSAT

NON-U.S. STANDARD CATALOG

1 OCTOBER 1976
THROUGH
31 OCTOBER 1976



N
GSFC/LB-76/010

GODDARD SPACE FLIGHT CENTER

GREENBELT, MARYLAND

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA

(NASA-TM-X-74305) LANDSAT NON-US STANDARD
CATALOG Monthly Report, 1-31 Oct. 1976
(NASA) 84 p HC A05/MF A01 CSCL 05B

N77-13490

Unclass
G3/4J 57906

INTRODUCTION

To provide dissemination of information regarding the availability of Landsat imagery, the Image Processing Facility (IPF), located at the Goddard Space Flight Center, publishes a U. S. and Non-U. S. Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the referenced month. The U. S. Standard Catalog includes imagery covering the continental United States, Alaska and Hawaii; the Non-U. S. Catalog identifies all the remaining coverage. Imagery adjacent to the continental U. S. and Alaska borders will normally appear in the U. S. Standard Catalog. As a supplement to these catalogs, the Landsat imagery of one spectral band is available on 16mm microfilm.

In addition to the routine monthly catalogs, the IPF annually publishes a cumulative U. S. and Non-U. S. Standard Catalog for each satellite, covering a year based on the launch date for that satellite. These catalogs include information on all observations acquired and processed by the facility during that year.

Film products for imagery listed in this catalog are available at a nominal price from all three agencies listed below. In addition, the 16mm microfilm can be purchased from the U. S. Department of the Interior (USDI) EROS Data Center and National Oceanic and Atmospheric Administration (NOAA). Digital tapes can be purchased only from the USDI EROS Data Center.

U. S. Department of Agriculture

Aerial Photography Field Office
2505 Parley's Way
Salt Lake City, Utah 84109

U. S. Department of Commerce
National Oceanic and Atmospheric
Administration

Environment Data Service
Satellite Data Service Branch
D543
World Weather Building
Room 606
Washington, D. C. 20233

U. S. Department of the Interior
Geological Survey

User Services Unit
EROS Data Center
Sioux Falls, South Dakota 57198

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SECTION 1 -- STANDARD CATALOG

1.1 MONTHLY CATALOGS

The coverage sections contained in the monthly U.S. and Non-U.S. Standard Catalogs are divided into three parts. Part 1 (see Para. 1.1, A) consists of annotated maps which graphically depict the geographic areas covered by imagery listed in the current catalog. Part 2 (see Para. 1.1, B) contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 3 (see Para. 1.1, C) provides a computer listing of observations organized by longitude/latitude.

A. Satellite Coverage Maps. These maps are segregated by cycle and depict the general location of observations listed in the catalog. The format and data content of these maps are slightly different in the U.S. and Non-U.S. catalogs.

1. U.S. Satellite Coverage Maps. Two separate map formats are presented in this catalog. One map outlines the continental U.S. and depicts the estimated cloud cover along each north to south subsatellite path. Each path is identified by actual orbit number and a cross reference, which matches the orbit number to the initial observation ID for that path. The second map provides an enlarged view of Alaska and Hawaii and displays the portion of an orbital pass for which coverage is available. This map does not include cloud cover estimates or orbit numbers.
2. Non-U.S. Satellite Coverage Map. A world outline map is provided with the portions of an orbital swath for which observations are available graphically displayed. This map is intended solely to inform the user as to whether or not coverage is included in the catalog for his area of interest. It is not intended as a rapid reference to specific observations.

B. Observation Identification Number (ID) Listing. The data format for the observation ID listing is identical in the U.S. and Non-U.S. Catalogs. Observation ID numbers are listed in a sequential manner from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure 1-1.

1. Sample Observation ID Format. See Figure 1-1.

| ① 20:53 APR 04, '75 | | | | ② FROM 02/01/75 TO 02/28/75 | | | | | | |
|---------------------|--|--------------|---------------|-----------------------------|--------------|-----------------------------------|--------|-----------|-----------|---------------------------------|
| ④ | ⑤ | | ⑥ | ⑦ | ⑧ | ⑨ | | ⑩ | | ⑪ |
| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS | | DATE ACQUIRED | CLOUD COVER % | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | | SUN ELEV. | SUN AZIM. | IMAGE QUALITY RBV MSS 123 45678 |
| 1943-16381 | 00000/0000 | 1-10034/0565 | 02/21/75 | 100 | 3149 | 4728N | 09815W | 25.3 | 144.8 | GGGG |
| 1943-16383 | 00000/0000 | 1-10034/0566 | 02/21/75 | 100 | 3149 | 4603N | 09849W | 26.3 | 143.9 | GGG |
| 1943-16390 | 00000/0000 | 1-10034/0567 | 02/21/75 | 100 | 3149 | 4438N | 09923W | 27.2 | 143.0 | FGG |
| 1943-16392 | 00000/0000 | 1-10034/0568 | 02/21/75 | 70 | 3149 | 4313N | 09955W | 28.2 | 142.1 | GGFF |
| 1943-16395 | 00000/0000 | 1-10034/0569 | 02/21/75 | 40 | 3149 | 4147N | 10026W | 29.1 | 141.2 | FGGG |
| 1944-16432 | 00000/0000 | 1-10034/0606 | 02/22/75 | 40 | 3163 | 4854N | 09903W | 24.7 | 145.5 | GGGG |
| 1944-16435 | 00000/0000 | 1-10034/0607 | 02/22/75 | 90 | 3163 | 4730N | 09939W | 25.6 | 144.6 | FGGG |
| 1944-16441 | 00000/0000 | 1-10034/0608 | 02/22/75 | 30 | 3163 | 4605N | 10014W | 26.6 | 143.8 | GGGG |

③ KEY:

CLOUD COVER

● 0 TO 100 = % OF CLOUD COVER

● *** NO CLOUD DATA AVAILABLE

IMAGE QUALITY

● BLANK = BAND NOT PRESENT/REQUESTED

● G = GOOD P = POOR F = FAIR

Figure 1-1. Observation ID Listing for Standard Catalog

2. Description of Data Items

- | | |
|---|--|
| ① Date of catalog listing | ⑤ RBV and MSS microfilm: roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls |
| ② Period during which imagery was processed | ⑥ Date of observation |
| ③ Data quality | ⑦ Estimated percent of cloud cover |
| ④ Observation ID | ⑧ Orbit number |
| | ⑨ Latitude and longitude at observation center (degrees and minutes) |
| | ⑩ Sun elevation and azimuth at observation center |
| | ⑪ Image quality; see key |
- 1010

15165

→ Tens of seconds

→ Minutes of hour

→ Hour of day since launch

→ Day since launch

→ Satellite number

(1 or 5 = LANDSAT 1, 2 or 6 = LANDSAT 2); see Appendix for full explanation

C. Longitude/Latitude Listing. The data format for the longitude/latitude listing is identical in the U.S. and Non-U.S. Catalogs. This listing contains the same observations as the observation ID listing but organizes them by coordinates, using image center location information for each observation. Observations in this listing will be sorted first by longitude and, within longitude, by latitude. The longitude/latitude listing is arranged in the following manner:

180-0 degrees East; 90-0 degrees North and 0-90 degrees South
followed by
0-180 degrees West; 90-0 degrees North and 0-90 degrees South

This listing is intended to be used as a tool for locating specific coverage, and once a specific observation has been identified, pertinent information about it can be found by referring to the ID listing.

Figure 1-2 below shows a sample catalog page with a description of each data item.

1. Sample Longitude/Latitude Format. See Figure 1-2.

| ① 20:53 APR 04, '75 | | | | ② FROM 02/01/75 TO 02/28/75 | | | | | | | |
|---------------------------------------|-------------------|---------|--------------------------------|---------------------------------------|-------------------|---------|--------------------------------|---------------------------------------|-------------------|---------|--------------------------------|
| ③ | ④ | ⑤ | ⑥ | ③ | ④ | ⑤ | ⑥ | ③ | ④ | ⑤ | ⑥ |
| PRINCIPAL PT. OF IMAGE LONG LAT | OBSERVATION ID | CC % | QUALITY RBY MSS 12345678 | PRINCIPAL PT. OF IMAGE LONG LAT | OBSERVATION ID | CC % | QUALITY RBY MSS 12345678 | PRINCIPAL PT. OF IMAGE LONG LAT | OBSERVATION ID | CC % | QUALITY RBY MSS 12345678 |
| 12350W 3608N | 1940-18014 | 80 | GI FT | 12421W 3855N | 1923-18132 | 70 | FFTG | 12512W 4436N | 1925-18230 | 90 | GGGG |
| 12352W 4027N | 1941-18120 | 100 | GGGG | 12437W 4601N | 1925-18224 | 90 | GGGG | 12517W 4022N | 1924-18181 | 50 | FFTT |
| 12352W 4020N | 1923-18123 | 90 | FFTT | 12447W 4147N | 1924-18181 | 60 | GI FT | 12527W 4728N | 1926-18273 | 80 | TTGT |
| 12401W 4726N | 1923-18221 | 90 | GGGG | 12449W 3736N | 1941-18125 | 90 | FFGG | 12545W 4311N | 1925-18233 | 90 | GGGG |
| 12416W 4313N | 1924-18174 | 70 | TTFT | 12449W 3729N | 1923-18134 | 70 | TTTG | 12546W 3837N | 1924-18190 | 50 | TTGT |
| 12421W 3901N | 1941-18123 | 100 | TTTG | 12451W 4852N | 1926-18273 | 90 | GGGG | 12602W 4603N | 1926-18282 | 70 | GGGG |

⑦ KEY:

CLOUD COVER

● 0 TO 100 % OF CLOUD COVER

● ** NO CLOUD DATA AVAILABLE

IMAGE QUALITY

● BLANK - BAND NOT PRESENT/REQUESTED

● (G = GOOD) (P = POOR) (I = FAIR)

Figure 1-2. Coordinate Listing for Standard Catalog

2. Description of Data Items

- | | |
|---|------------------------------------|
| ① Date of catalog listing | ⑤ Estimated percent of cloud cover |
| ② Period during which imagery was processed | ⑥ Image quality; see key |
| ③ Longitude and latitude at observation center (degrees and minutes) | ⑦ Data quality |
| ④ Observation ID (see Fig. 1-1, Para. 1.1, B, 2) | |

1.2 CUMULATIVE STANDARD CATALOGS

Annually, a cumulative catalog is produced which includes information covering all observations and coordinates acquired and processed by the IPF during that year.

A. Observation ID Listing.

1. Sample Observation ID Format. See Figure 1-1.
2. Description of Data Items. See Paragraph 1.1, B, 2.

B. Coordinate ID Listing. The coordinate ID listing format is expanded to identify observations for which color or digital products have been made.

1. Sample Coordinate ID Format. See Figure 1-3.

| (9) | | (1) 15:36 MAR 11, '74 | (4) | (5) | (6) | (7) | (2) FROM 07/23/72 TO 07/23/74 | (8) | (10) | (11) | (12) | | | | |
|-----------------------------|-------|-----------------------|---|--------------|------------------|---------------------|-------------------------------|--------------|--------------|---------------|--------------|----------|--------|--------|--------|
| PRINCIPAL POINT OF IMAGE | | OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL | | DATE ACQUIRED | CLOUD COVER % | ORBIT NUMBER | SUN ELEV. | SUN AZIM. | IMAGE QUALITY | | PRODUCTS | | | |
| LONG | LAT | | RBV | MSS | | | | | | RBV 123 | MSS 45678 | B C | P C | P D | P D |
| 07607W | 3734N | 1295-15144 | 00000/0000 | 10010/1659 | 05/14/73 | 20 | 4112 | 60.2 | 122.0 | GGGG | | | | | M |
| 07607W | 3731N | 1259-15150 | 00000/0000 | 10010/0088 | 04/08/73 | 90 | 3610 | 50.7 | 133.2 | GGGG | | | | | M |
| 07607W | 3731N | 1313-15143 | 00000/0000 | 10011/0920 | 06/01/73 | 80 | 4363 | 62.3 | 116.2 | GGGG | | | | | M |
| 07608W | 4438N | 1027-15231 | 00000/0000 | 1-10001/1498 | 08/19/72 | 0 | 375 | 50.9 | 136.9 | GGGG | | M | | | M |
| 07608W | 3731N | 1331-15142 | 00000/0000 | 1-10011/1589 | 06/19/73 | 100 | 4614 | 62.4 | 112.8 | GGGG | | | | | |
| 07608W | 3724N | 1349-15141 | 00000/0000 | 1-10012/1387 | 07/07/73 | 10 | 4865 | 61.2 | 112.9 | PGPP | | M | | | M |
| 07609W | 4851N | 1352-15275 | 00000/0000 | 1-10012/1622 | 07/10/73 | 60 | 4907 | 56.7 | 133.9 | G | | | | | |
| 07609W | 3144N | 1006-15093 | 1-10001/0377 | 1-10001/0378 | 07/29/72 | 100 | 82 | 59.7 | 108.3 | GGG | PPGG | | | | |

(3) KEY:

CLOUD COVER

• 0 TO 100 = % OF CLOUD COVER

IMAGE QUALITY

• BLANK = BAND NOT PRESENT/REQUESTED
• G = GOOD P = POOR F = FAIR

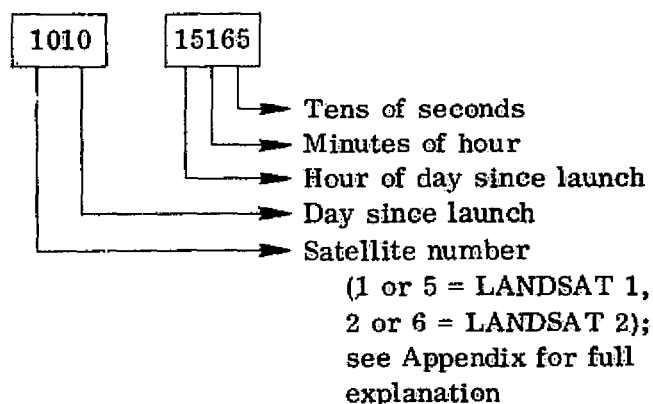
PRODUCTS ALREADY MADE

• R = MADE FROM RBV M = MADE FROM MSS
B = MADE FROM RBV AND MSS

Figure 1-3. Coordinate Listing for Cumulative Standard Catalog

2. Description of Data Items

- ① Date of catalog listing
- ② Period during which imagery was processed
- ③ Data quality
- ④ Observation ID



- ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls
- ⑥ Date of observation
- ⑦ Estimated percent of cloud cover
- ⑧ Orbit number
- ⑨ Latitude and longitude at observation center (degrees and minutes)
- ⑩ Sun elevation and azimuth at observation center
- ⑪ Image quality; see key
- ⑫ Image/data product availability; see key

SECTION 2 -- MICROFILM

2.1 GENERAL

The Image Processing Facility produces a 16 mm microfilm inventory of imagery processed during the referenced month and is organized for convenient use with the Standard Catalog.

As in the case of the Standard Catalog, the microfilm data is divided into U.S. and Non-U.S. segments. Each set of microfilm images is in exact correspondence to a Standard Catalog and can be used in conjunction with the catalog for selecting desired images. A maximum of 1900 images will be contained on one roll of 16 mm x 100 ft microfilm. Because the microfilm images are intended to provide only a summary of the data available, the images are limited to one band each for the RBV and MSS. Although a single observation will produce seven images, in the production of microfilm only the RBV Spectral Band 2 images (0.580 - 0.680 microns) and MSS Spectral Band 2 images (0.6 - 0.7 microns) are reproduced. Each image is a photograph of a 70 mm (-2) image and contains the image identifier and annotation block. See Figure 2-1.

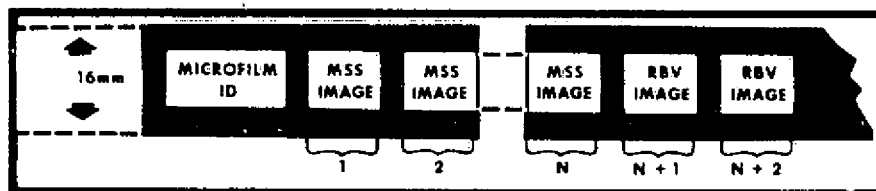


Figure 2-1. Microfilm Format

Microfilm roll numbers contain six digits. The first digit designates the satellite number (blank or 1- = LANDSAT 1, 2- = LANDSAT 2). Example: Roll number 10032 and roll number 1-10034 are both LANDSAT 1 rolls. Roll 2-10032 is a LANDSAT 2 roll. The second digit will be a 1 (for U.S. rolls) or a 2 (for Non-U.S. rolls). The remaining digits are used to number sequentially all microfilm rolls prepared within each group. Example: Roll number 10001 is the first U.S. roll of microfilm produced for LANDSAT 1. Roll number 20004 is the fourth Non-U.S. roll to be produced for LANDSAT 1. The first U.S. roll of microfilm for LANDSAT 2 is number 2-10001.

The microfilm contains two rapid search capabilities to help the user quickly reach the desired scene. They are:

- Code Line Indexing
- Blip Encoding

2.2 CODE LINE INDEXING

The Landsat microfilm images have been annotated with visual code lines to the right of each frame. The visual code lines graduate up the edge of the screen as the film advances and allow the user to advance rapidly to within 20 frames of his desired image. See Figure 2-2.

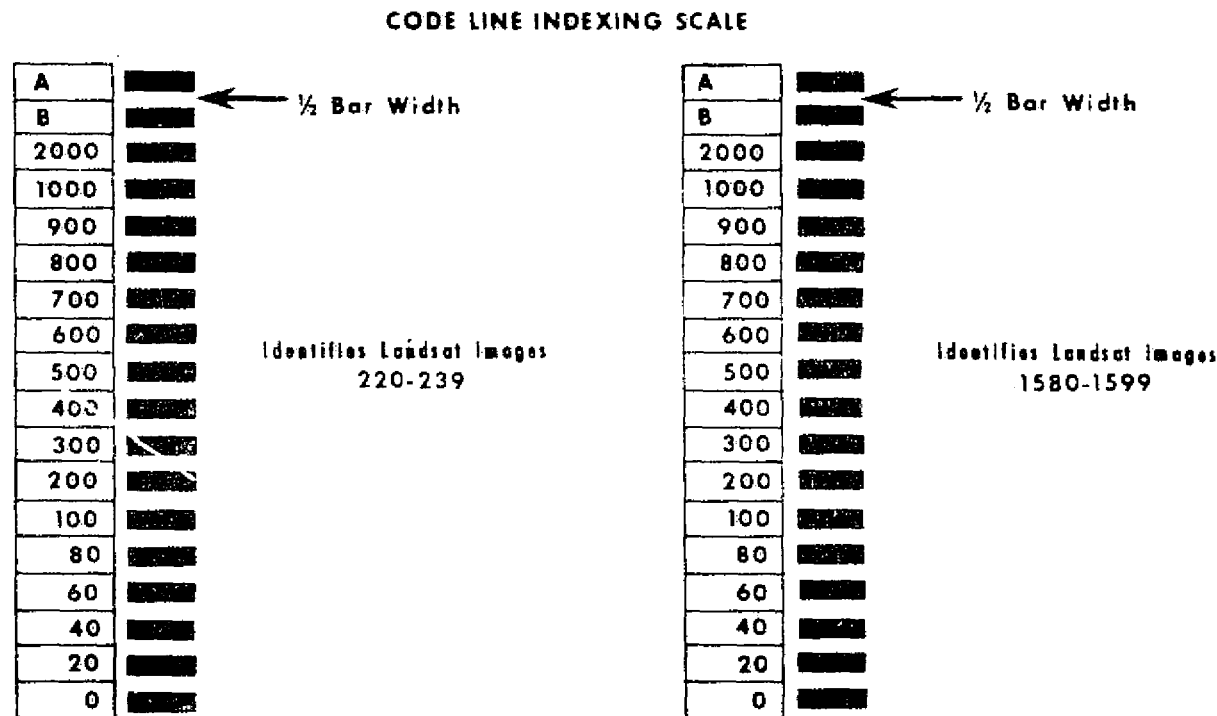


Figure 2-2. Code Line Indexing Scale

To utilize this system, a user must generate a code line indexing bar scale to attach to the face of his viewers. The size and spacing for the bar scale is dependent upon the magnification of his viewer. Landsat imagery is microfilmed at a reduction ratio of 8.5x. To determine the overall length of a scale required for your microfilm reader, multiply 7.4mm by the enlargement factor of your lens. To determine the bar widths along the bar scale, multiply 0.24mm by the same factor. A space between each bar should exist that is 1/2 the bar width.

2.3 BLIP ENCODING

The LANDSAT microfilm images have also been annotated with a blip (black spot) at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the blip encoding retrieval system, the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (column 6, Microfilm Position) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval, the film advances and the frames (blips) are counted by means of a photosensing light. When the appropriate number has been counted, the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame.

SECTION 3 - CYCLE CHARTS
SECTION 3.1 - LANDSAT 1 CYCLES

| Cycle | Days Since Launch | | Calendar Date | | Cycle | Days Since Launch | | Calendar Date | |
|--------------|-------------------|-----|---------------|-----------|-------|-------------------|-----|---------------|-----------|
| | Begin | End | Begin | End | | Begin | End | Begin | End |
| First 8 days | 1 | 8 | 24 Jul 72 | 31 Jul 72 | 16 | 279 | 296 | 28 Apr 73 | 15 May 73 |
| 1 | 9 | 26 | 1 Aug 72 | 18 Aug 72 | 17 | 297 | 314 | 16 May 73 | 2 Jun 73 |
| 2 | 27 | 44 | 19 Aug 72 | 5 Sep 72 | 18 | 315 | 332 | 3 Jun 73 | 20 Jun 73 |
| 3 | 45 | 62 | 6 Sep 72 | 23 Sep 72 | 19 | 333 | 350 | 21 Jun 73 | 8 Jul 73 |
| 4 | 63 | 80 | 24 Sep 72 | 11 Oct 72 | 20 | 351 | 368 | 9 Jul 73 | 26 Jul 73 |
| 5 | 81 | 98 | 12 Oct 72 | 29 Oct 72 | 21 | 369 | 386 | 27 Jul 73 | 13 Aug 73 |
| 6 | 99 | 116 | 30 Oct 72 | 16 Nov 72 | 22 | 387 | 404 | 14 Aug 73 | 31 Aug 73 |
| 7 | 117 | 134 | 17 Nov 72 | 4 Dec 72 | 23 | 405 | 422 | 1 Sep 73 | 18 Sep 73 |
| 8 | 135 | 152 | 5 Dec 72 | 22 Dec 72 | 24 | 423 | 440 | 19 Sep 73 | 6 Oct 73 |
| 9 | 153 | 170 | 23 Dec 72 | 9 Jan 73 | 25 | 441 | 458 | 7 Oct 73 | 24 Oct 73 |
| 10 | 171 | 188 | 10 Jan 73 | 27 Jan 73 | 26 | 459 | 476 | 25 Oct 73 | 11 Nov 73 |
| 11 | 189 | 206 | 28 Jan 73 | 14 Feb 73 | 27 | 477 | 494 | 12 Nov 73 | 29 Nov 73 |
| 12 | 207 | 224 | 15 Feb 73 | 4 Mar 73 | 28 | 495 | 512 | 30 Nov 73 | 17 Dec 73 |
| 13 | 225 | 242 | 5 Mar 73 | 22 Mar 73 | 29 | 513 | 530 | 18 Dec 73 | 4 Jan 74 |
| 14 | 243 | 260 | 23 Mar 73 | 9 Apr 73 | 30 | 531 | 548 | 5 Jan 74 | 22 Jan 74 |
| 15 | 261 | 278 | 10 Apr 73 | 27 Apr 73 | 31 | 549 | 566 | 23 Jan 74 | 9 Feb 74 |

SECTION 3.1 — LANDSAT 1 CYCLES

| Cycle | Days Since Launch | | Calendar Date | | Cycle | Days Since Launch | | Calendar Date | |
|-------|-------------------|-----|---------------|-----------|-------|-------------------|------|---------------|-----------|
| | Begin | End | Begin | End | | Begin | End | Begin | End |
| 32 | 567 | 584 | 10 Feb 74 | 27 Feb 74 | 48 | 855 | 872 | 25 Nov 74 | 12 Dec 74 |
| 33 | 585 | 602 | 28 Feb 74 | 17 Mar 74 | 49 | 873 | 890 | 13 Dec 74 | 30 Dec 74 |
| 34 | 603 | 620 | 18 Mar 74 | 4 Apr 74 | 50 | 891 | 908 | 31 Dec 74 | 17 Jan 75 |
| 35 | 621 | 638 | 5 Apr 74 | 22 Apr 74 | 51 | 909 | 926 | 18 Jan 75 | 4 Feb 75 |
| 36 | 639 | 656 | 23 Apr 74 | 11 May 74 | 52 | 927 | 944 | 5 Feb 75 | 22 Feb 75 |
| 37 | 657 | 674 | 12 May 74 | 28 May 74 | 53 | 945 | 962 | 23 Feb 75 | 12 Mar 75 |
| 38 | 675 | 692 | 29 May 74 | 15 Jun 74 | 54 | 963 | 980 | 13 Mar 75 | 30 Mar 75 |
| 39 | 693 | 710 | 16 Jun 74 | 3 Jul 74 | 55 | 981 | 998 | 31 Mar 75 | 17 Apr 75 |
| 40 | 711 | 728 | 4 Jul 74 | 21 Jul 74 | 56 | 999 | 1016 | 18 Apr 75 | 5 May 75 |
| 41 | 729 | 746 | 22 Jul 74 | 8 Aug 74 | 57 | 1017 | 1034 | 6 May 75 | 23 May 75 |
| 42 | 747 | 764 | 9 Aug 74 | 26 Aug 74 | 58 | 1035 | 1052 | 24 May 75 | 10 Jun 75 |
| 43 | 765 | 782 | 27 Aug 74 | 13 Sep 74 | 59 | 1053 | 1070 | 11 Jun 75 | 28 Jun 75 |
| 44 | 783 | 800 | 14 Sep 74 | 1 Oct 74 | 60 | 1071 | 1088 | 29 Jun 75 | 16 Jul 75 |
| 45 | 801 | 818 | 2 Oct 74 | 19 Oct 74 | 61 | 1089 | 1106 | 17 Jul 75 | 3 Aug 75 |
| 46 | 819 | 836 | 20 Oct 74 | 6 Nov 74 | 62 | 1107 | 1124 | 4 Aug 75 | 21 Aug 75 |
| 47 | 837 | 854 | 7 Nov 74 | 24 Nov 74 | 63 | 1125 | 1142 | 22 Aug 75 | 8 Sep 75 |

SECTION 3.1 -- LANDSAT 1 CYCLES

| Cycle | Days Since Launch | | Calendar Date | | Cycle | Days Since Launch | | Calendar Date | |
|-------|-------------------|------|---------------|-----------|-------|-------------------|------|---------------|-----------|
| | Begin | End | Begin | End | | Begin | End | Begin | End |
| 64 | 1143 | 1160 | 9 Sep 75 | 26 Sep 75 | 80 | 1431 | 1448 | 23 Jun 76 | 10 Jul 76 |
| 65 | 1161 | 1178 | 27 Sep 75 | 14 Oct 75 | 81 | 1449 | 1466 | 11 Jul 76 | 28 Jul 76 |
| 66 | 1179 | 1196 | 15 Oct 75 | 1 Nov 75 | 82 | 1467 | 1484 | 29 Jul 76 | 15 Aug 76 |
| 67 | 1197 | 1214 | 2 Nov 75 | 19 Nov 75 | 83 | 1485 | 1502 | 16 Aug 76 | 2 Sep 76 |
| 68 | 1215 | 1232 | 20 Nov 75 | 7 Dec 75 | 84 | 1503 | 1520 | 3 Sep 76 | 20 Sep 76 |
| 69 | 1233 | 1250 | 8 Dec 75 | 25 Dec 75 | 85 | 1521 | 1538 | 21 Sep 76 | 8 Oct 76 |
| 70 | 1251 | 1268 | 26 Dec 75 | 12 Jan 76 | 86 | 1539 | 1556 | 9 Oct 76 | 26 Oct 76 |
| 71 | 1269 | 1286 | 13 Jan 76 | 30 Jan 76 | 87 | 1557 | 1574 | 27 Oct 76 | 13 Nov 76 |
| 72 | 1287 | 1304 | 31 Jan 76 | 17 Feb 76 | 88 | 1575 | 1592 | 14 Nov 76 | 1 Dec 76 |
| 73 | 1305 | 1322 | 18 Feb 76 | 6 Mar 76 | 89 | 1593 | 1610 | 2 Dec 76 | 19 Dec 76 |
| 74 | 1323 | 1340 | 7 Mar 76 | 24 Mar 76 | 90 | 1611 | 1628 | 20 Dec 76 | 6 Jan 77 |
| 75 | 1341 | 1358 | 25 Mar 76 | 11 Apr 76 | 91 | 1629 | 1646 | 7 Jan 77 | 24 Jan 77 |
| 76 | 1359 | 1376 | 12 Apr 76 | 29 Apr 76 | 92 | 1647 | 1664 | 25 Jan 77 | 11 Feb 77 |
| 77 | 1377 | 1394 | 30 Apr 76 | 17 May 76 | 93 | 1665 | 1682 | 12 Feb 77 | 1 Mar 77 |
| 78 | 1395 | 1412 | 18 May 76 | 4 Jun 76 | 94 | 1683 | 1700 | 2 Mar 77 | 19 Mar 77 |
| 79 | 1413 | 1430 | 5 Jun 76 | 22 Jun 76 | 95 | 1701 | 1718 | 20 Mar 77 | 6 Apr 77 |

SECTION 3.2 — LANDSAT 2 CYCLES

| Cycle | Days Since Launch | | Calendar Date | | Cycle | Days Since Launch | | Calendar Date | |
|---------------|-------------------|-----|---------------|-----------|-------|-------------------|-----|---------------|-----------|
| | Begin | End | Begin | End | | Begin | End | Begin | End |
| First 22 days | 1 | 22 | 22 Jan 75 | 13 Feb 75 | 19 | 347 | 364 | 4 Jan 76 | 21 Jan 76 |
| 1 | 23 | 40 | 14 Feb 75 | 3 Mar 75 | 20 | 365 | 382 | 22 Jan 76 | 8 Feb 76 |
| 2 | 41 | 58 | 4 Mar 75 | 21 Mar 75 | 21 | 383 | 400 | 9 Feb 76 | 26 Feb 76 |
| 3 | 59 | 76 | 22 Mar 75 | 8 Apr 75 | 22 | 401 | 418 | 27 Feb 76 | 15 Mar 76 |
| 4 | 77 | 94 | 9 Apr 75 | 26 Apr 75 | 23 | 419 | 436 | 16 Mar 76 | 2 Apr 76 |
| 5 | 95 | 112 | 27 Apr 75 | 14 May 75 | 24 | 437 | 454 | 3 Apr 76 | 20 Apr 76 |
| 6 | 113 | 130 | 15 May 75 | 1 Jun 75 | 25 | 455 | 472 | 21 Apr 76 | 8 May 76 |
| 7 | 131 | 148 | 2 Jun 75 | 19 Jun 75 | 26 | 473 | 490 | 9 May 76 | 26 May 76 |
| 8 | 149 | 188 | 20 Jun 75 | 7 Jul 75 | 27 | 491 | 508 | 27 May 76 | 13 Jun 76 |
| 9 | 167 | 184 | 8 Jul 75 | 25 Jul 75 | 28 | 509 | 526 | 14 Jun 76 | 1 Jul 76 |
| 10 | 185 | 202 | 26 Jul 75 | 12 Aug 75 | 29 | 527 | 544 | 2 Jul 76 | 19 Jul 76 |
| 11 | 203 | 220 | 13 Aug 75 | 30 Aug 75 | 30 | 545 | 562 | 20 Jul 76 | 6 Aug 76 |
| 12 | 221 | 238 | 31 Aug 75 | 17 Sep 75 | 31 | 563 | 580 | 7 Aug 76 | 24 Aug 76 |
| 13 | 239 | 256 | 18 Sep 75 | 5 Oct 75 | 32 | 581 | 598 | 25 Aug 76 | 11 Sep 76 |
| 14 | 257 | 274 | 6 Oct 75 | 23 Oct 75 | 33 | 599 | 616 | 12 Sep 76 | 29 Sep 76 |
| 15 | 275 | 292 | 24 Oct 75 | 10 Nov 75 | 34 | 617 | 634 | 30 Sep 76 | 17 Oct 76 |
| 16 | 293 | 310 | 11 Nov 75 | 28 Nov 75 | 35 | 635 | 652 | 18 Oct 76 | 4 Nov 76 |
| 17 | 311 | 328 | 29 Nov 75 | 16 Dec 75 | 36 | 653 | 670 | 5 Nov 76 | 22 Nov 76 |
| 18 | 329 | 346 | 17 Dec 75 | 3 Jan 76 | 37 | 671 | 688 | 23 Nov 76 | 10 Dec 76 |

SECTION 4

LANDSAT 1 COVERAGE

PRECEDING PAGE BLANK NOT FILMED

LANDSAT 1 OBSERVATION ID LISTING

14:39 NOV 11, '76

LANDSAT-1
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0016

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SRBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LANG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|---------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 5524-16350 | 00000/0000 | 1-20074/0011 | 09/24/76 | 50 | 1251 | 2855N | 11138W | 41.1 | 120.0 | GGGG | | |
| 5524-16352 | 00000/0000 | 1-20074/0012 | 09/24/76 | 10 | 1251 | 2729N | 11202W | 41.6 | 118.6 | GGGG | | |
| 5524-16355 | 00000/0000 | 1-20074/0013 | 09/24/76 | 10 | 1251 | 2601N | 11225W | 42.0 | 117.2 | GGGG | | |
| 5524-16361 | 00000/0000 | 1-20074/0014 | 09/24/76 | 40 | 1251 | 2435N | 11247W | 42.5 | 115.9 | GGGF | | |
| 5524-16364 | 00000/0000 | 1-20074/0015 | 09/24/76 | 40 | 1251 | 2307N | 11309W | 42.9 | 114.5 | GGGG | | |
| 5525-16324 | 00000/0000 | 1-20074/0025 | 09/25/76 | 90 | 1265 | 5554N | 10248W | 27.3 | 143.0 | GGGG | | |
| 5525-16331 | 00000/0000 | 1-20074/0026 | 09/25/76 | 30 | 1265 | 5430N | 10336W | 28.1 | 141.8 | GGGG | | |
| 5525-16333 | 00000/0000 | 1-20074/0027 | 09/25/76 | 60 | 1265 | 5305N | 10419W | 29.0 | 140.7 | GGGG | | |
| 5525-16340 | 00000/0000 | 1-20074/0028 | 09/25/76 | 20 | 1265 | 5141N | 10501W | 29.9 | 139.5 | GGGG | | |
| 5525-16342 | 00000/0000 | 1-20074/0029 | 09/25/76 | 40 | 1265 | 5017N | 10541W | 30.7 | 138.4 | GGGG | | |
| 5525-16404 | 00000/0000 | 1-20074/0030 | 09/25/76 | 30 | 1265 | 2852N | 11306W | 40.9 | 120.4 | GGGG | | |
| 5525-16410 | 00000/0000 | 1-20074/0031 | 09/25/76 | 50 | 1265 | 2727N | 11328W | 41.4 | 119.1 | GGGG | | |
| 5525-16413 | 00000/0000 | 1-20074/0032 | 09/25/76 | 60 | 1265 | 2602N | 11350W | 41.9 | 117.7 | GGGG | | |
| 5526-16380 | 00000/0000 | 1-20074/0016 | 09/26/76 | 10 | 1279 | 5717N | 10324W | 26.1 | 144.4 | GGGG | | |
| 5526-16382 | 00000/0000 | 1-20074/0017 | 09/26/76 | 10 | 1279 | 5554N | 10414W | 27.0 | 143.2 | GGGG | | |
| 5526-16385 | 00000/0000 | 1-20074/0018 | 09/26/76 | 30 | 1279 | 5429N | 10501W | 27.8 | 142.0 | GGGG | | |
| 5526-16391 | 00000/0000 | 1-20074/0019 | 09/26/76 | 30 | 1279 | 5304N | 10544W | 28.7 | 140.9 | GGGG | | |
| 5526-16394 | 00000/0000 | 1-20074/0020 | 09/26/76 | 10 | 1279 | 5138N | 10627W | 29.5 | 139.8 | GGGG | | |
| 5526-16400 | 00000/0000 | 1-20074/0021 | 09/26/76 | 30 | 1279 | 5013N | 10708W | 30.4 | 138.6 | GGGG | | |
| 5526-16455 | 00000/0000 | 1-20074/0022 | 09/26/76 | 30 | 1279 | 3016N | 11407W | 40.2 | 122.1 | GGGF | | |
| 5526-16462 | 00000/0000 | 1-20074/0023 | 09/26/76 | 30 | 1279 | 2849N | 11431W | 40.7 | 120.8 | GGGG | | |
| 5526-16464 | 00000/0000 | 1-20074/0024 | 09/26/76 | 40 | 1279 | 2723N | 11455W | 41.2 | 119.5 | GGGG | | |
| 5527-13173 | 00000/0000 | 1-20074/0001 | 09/27/76 | 100 | 1291 | 5554N | 05358W | 26.6 | 143.4 | GGFG | | |
| 5527-13180 | 00000/0000 | 1-20074/0002 | 09/27/76 | 50 | 1291 | 5430N | 05447W | 27.5 | 142.3 | GGFG | | |
| 5527-13182 | 00000/0000 | 1-20074/0003 | 09/27/76 | 60 | 1291 | 5305N | 05533W | 28.4 | 141.1 | GGFG | | |
| 5527-13185 | 00000/0000 | 1-20074/0004 | 09/27/76 | 90 | 1291 | 5141N | 05616W | 29.2 | 140.0 | GGGG | | |
| 5527-13194 | 00000/0000 | 1-20074/0005 | 09/27/76 | 100 | 1291 | 4851N | 05734W | 30.9 | 137.8 | GGGG | | |
| 5527-13200 | 00000/0000 | 1-20074/0006 | 09/27/76 | 90 | 1291 | 4725N | 05810W | 31.7 | 136.7 | GGGG | | |
| 5527-13203 | 00000/0000 | 1-20074/0007 | 09/27/76 | 90 | 1291 | 4600N | 05845W | 32.5 | 135.6 | GGGG | | |
| 5527-13205 | 00000/0000 | 1-20074/0008 | 09/27/76 | 100 | 1291 | 4435N | 05918W | 33.3 | 134.4 | GGGG | | |
| 5527-13212 | 00000/0000 | 1-20074/0009 | 09/27/76 | 100 | 1291 | 4310N | 05949W | 34.1 | 133.3 | GGGG | | |
| 5527-13214 | 00000/0000 | 1-20074/0010 | 09/27/76 | 100 | 1291 | 4144N | 06019W | 34.8 | 132.2 | GGGG | | |
| 5527-16434 | 00000/0000 | 1-20074/0033 | 09/27/76 | 40 | 1293 | 5715N | 10450W | 25.7 | 144.6 | GGGG | | |
| 5527-16440 | 00000/0000 | 1-20074/0034 | 09/27/76 | 30 | 1293 | 5551N | 10540W | 26.6 | 143.4 | GGGG | | |
| 5527-16443 | 00000/0000 | 1-20074/0035 | 09/27/76 | 30 | 1293 | 5427N | 10628W | 27.5 | 142.3 | GGFG | | |
| 5527-16445 | 00000/0000 | 1-20074/0036 | 09/27/76 | 10 | 1293 | 5303N | 10713W | 28.4 | 141.1 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:39 NOV 11, 76

LANDSAT-1
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0017

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LANG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|---------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 5527-16452 | 00000/0000 | 1-20074/0037 | 09/27/76 | 10 | 1293 | 5139N | 10755W | 29.2 | 140.0 | GGGG | | |
| 5527-16454 | 00000/0000 | 1-20074/0038 | 09/27/76 | 0 | 1293 | 5014N | 10835W | 30.0 | 138.9 | GGGG | | |
| 5527-16513 | 00000/0000 | 1-20074/0039 | 09/27/76 | 30 | 1293 | 3017N | 11532W | 40.0 | 122.6 | GGGG | | |
| 5527-16520 | 00000/0000 | 1-20074/0040 | 09/27/76 | 80 | 1293 | 2851N | 11556W | 40.5 | 121.3 | GGGG | | |
| 5528-13231 | 00000/0000 | 1-20074/0041 | 09/28/76 | 90 | 1305 | 5550N | 05530W | 26.3 | 143.6 | GGGG | | |
| 5528-13234 | 00000/0000 | 1-20074/0042 | 09/28/76 | 100 | 1305 | 5426N | 05617W | 27.2 | 142.4 | GGGG | | |
| 5528-13240 | 00000/0000 | 1-20074/0043 | 09/28/76 | 100 | 1305 | 5303N | 05700W | 28.1 | 141.3 | GGGG | | |
| 5528-13243 | 00000/0000 | 1-20074/0044 | 09/28/76 | 100 | 1305 | 5139N | 05742W | 28.9 | 140.2 | GGGG | | |
| 5528-13245 | 00000/0000 | 1-20074/0045 | 09/28/76 | 100 | 1305 | 5015N | 05822W | 29.8 | 139.1 | GGGG | | |
| 5528-13252 | 00000/0000 | 1-20074/0046 | 09/28/76 | 100 | 1305 | 4849N | 05902W | 30.6 | 138.0 | GGGG | | |
| 5528-13254 | 00000/0000 | 1-20074/0047 | 09/28/76 | 100 | 1305 | 4724N | 05938W | 31.4 | 136.9 | GGGG | | |
| 5528-13261 | 00000/0000 | 1-20074/0048 | 09/28/76 | 100 | 1305 | 4559N | 06012W | 32.2 | 135.8 | GGGG | | |
| 5528-13263 | 00000/0000 | 1-20074/0049 | 09/28/76 | 100 | 1305 | 4434N | 06045W | 33.0 | 134.7 | GGGG | | |
| 5528-13270 | 00000/0000 | 1-20074/0050 | 09/28/76 | 100 | 1305 | 4308N | 06116W | 33.8 | 133.6 | GGGG | | |
| 5528-13272 | 00000/0000 | 1-20074/0051 | 09/28/76 | 100 | 1305 | 4141N | 06147W | 34.5 | 132.5 | GGGG | | |
| 5528-16512 | 00000/0000 | 1-20074/0052 | 09/28/76 | 0 | 1307 | 5016N | 11001W | 29.7 | 139.2 | GGGG | | |
| 5528-16571 | 00000/0000 | 1-20074/0053 | 09/28/76 | 70 | 1307 | 3016N | 11700W | 39.7 | 123.0 | GGGG | | |
| 5529-13282 | 00000/0000 | 1-20074/0070 | 09/29/76 | 70 | 1319 | 5715N | 05607W | 25.1 | 145.0 | GGGG | | |
| 5529-13285 | 00000/0000 | 1-20074/0071 | 09/29/76 | 70 | 1319 | 5551N | 05656W | 26.0 | 143.8 | GGGG | | |
| 5529-13291 | 00000/0000 | 1-20074/0072 | 09/29/76 | 80 | 1319 | 5427N | 05742W | 26.9 | 142.7 | GGGG | | |
| 5529-13294 | 00000/0000 | 1-20074/0073 | 09/29/76 | 90 | 1319 | 5303N | 05826W | 27.7 | 141.6 | GGGG | | |
| 5529-13300 | 00000/0000 | 1-20074/0074 | 09/29/76 | 50 | 1319 | 5139N | 05907W | 28.6 | 140.5 | GGGG | | |
| 5529-13303 | 00000/0000 | 1-20074/0075 | 09/29/76 | 50 | 1319 | 5015N | 05946W | 29.4 | 139.4 | GGGG | | |
| 5529-13305 | 00000/0000 | 1-20074/0076 | 09/29/76 | 50 | 1319 | 4850N | 06023W | 30.3 | 138.3 | GGGG | | |
| 5529-13312 | 00000/0000 | 1-20074/0077 | 09/29/76 | 60 | 1319 | 4726N | 06100W | 31.1 | 137.2 | GGGG | | |
| 5529-13314 | 00000/0000 | 1-20074/0078 | 09/29/76 | 40 | 1319 | 4601N | 06135W | 31.9 | 136.1 | GGGG | | |
| 5529-13321 | 00000/0000 | 1-20074/0079 | 09/29/76 | 30 | 1319 | 4434N | 06208W | 32.7 | 135.0 | GGGG | | |
| 5529-13323 | 00000/0000 | 1-20074/0080 | 09/29/76 | 20 | 1319 | 4308N | 06241W | 33.5 | 133.9 | GGGG | | |
| 5529-13330 | 00000/0000 | 1-20074/0081 | 09/29/76 | 40 | 1319 | 4142N | 06312W | 34.2 | 132.8 | GGGG | | |
| 5529-15132 | 00000/0000 | 1-20074/0082 | 09/29/76 | 80 | 1320 | 5138N | 08500W | 28.6 | 140.5 | GGGG | | |
| 5529-15135 | 00000/0000 | 1-20074/0083 | 09/29/76 | 90 | 1320 | 5013N | 08539W | 29.4 | 139.4 | GGGG | | |
| 5529-16570 | 00000/0000 | 1-20074/0069 | 09/29/76 | 20 | 1321 | 5014N | 11129W | 29.4 | 139.4 | GGG | | |
| 5530-13352 | 00000/0000 | 1-20074/0054 | 09/30/76 | 80 | 1333 | 5303N | 05952W | 27.4 | 141.8 | GGGG | | |
| 5530-13354 | 00000/0000 | 1-20074/0055 | 09/30/76 | 40 | 1333 | 5139N | 06034W | 28.2 | 140.7 | GGGG | | |
| 5530-13361 | 00000/0000 | 1-20074/0056 | 09/30/76 | 40 | 1333 | 5015N | 06113W | 29.1 | 139.6 | GGGG | | |
| 5530-13363 | 00000/0000 | 1-20074/0057 | 09/30/76 | 30 | 1333 | 4851N | 06150W | 29.9 | 138.6 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14139 N8V 11, 176

LANDSAT-1
OBSERVATION ID LISTING
FOR N8V-US
FROM 10/01/76 TO 10/31/76

PAGE 0012

| OBSERVATION ID | MICROFILM RBLI NR./ POSITION IN RBLI RBV | MSS | DATE ACQUIRED | CLOUD COVER | SAT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LANG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS DATA | MSS 123 45678 MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|---------------|------------------------------|---------------|--------------|--------------|----------------------------|-----------------------|----------------------|
| 5530-13370 | 00000/0000 | 1-20074/0058 | 09/30/76 | 50 | 1333 | 4726N | 06225W | 30.8 | 137.5 | GGGG | | |
| 5530-13372 | 00000/0000 | 1-20074/0059 | 09/30/76 | 60 | 1333 | 4600N | 06259W | 31.6 | 136.4 | GGGG | | |
| 5530-13375 | 00000/0000 | 1-20074/0060 | 09/30/76 | 10 | 1333 | 4435N | 06332W | 32.4 | 135.3 | GGGG | | |
| 5530-13381 | 00000/0000 | 1-20074/0061 | 09/30/76 | 10 | 1333 | 4310N | 06405W | 33.2 | 134.2 | GGGG | | |
| 5530-13384 | 00000/0000 | 1-20074/0062 | 09/30/76 | 10 | 1333 | 4145N | 06437W | 33.9 | 133.1 | GGGG | | |
| 5530-15192 | 00000/0000 | 1-20074/0063 | 09/30/76 | 60 | 1334 | 5017N | 08707W | 29.1 | 139.6 | GGGG | | |
| 5530-15272 | 00000/0000 | 1-20074/0064 | 09/30/76 | 80 | 1334 | 2308N | 09554W | 41.9 | 117.3 | GGGG | | |
| 5530-15274 | 00000/0000 | 1-20074/0065 | 09/30/76 | 90 | 1334 | 2141N | 09616W | 42.3 | 116.0 | GGGG | | |
| 5530-15281 | 00000/0000 | 1-20074/0066 | 09/30/76 | 60 | 1334 | 2015N | 09639W | 42.7 | 114.6 | GGGG | | |
| 5530-17022 | 00000/0000 | 1-20074/0067 | 09/30/76 | 50 | 1335 | 5139N | 11213W | 28.2 | 140.7 | GGGG | | |
| 5530-17024 | 00000/0000 | 1-20074/0068 | 09/30/76 | 20 | 1335 | 5015N | 11254W | 29.1 | 139.7 | GGGG | | |
| 5531-17082 | 00000/0000 | 1-20074/0098 | 10/01/76 | 10 | 1349 | 5014N | 11420W | 28.7 | 139.9 | GGGG | | |
| 5532-15302 | 00000/0000 | 1-20074/0084 | 10/02/76 | 0 | 1362 | 5138N | 08916W | 27.6 | 141.2 | GGGG | | |
| 5532-15304 | 00000/0000 | 1-20074/0085 | 10/02/76 | 0 | 1362 | 5014N | 08956W | 28.4 | 140.1 | GGGG | | |
| 5532-15381 | 00000/0000 | 1-20074/0102 | 10/02/76 | 20 | 1362 | 2433N | 09825W | 41.0 | 119.6 | GGGG | | |
| 5532-17140 | 00000/0000 | 1-20074/0086 | 10/02/76 | 90 | 1363 | 5012N | 11545W | 28.4 | 140.1 | GGGG | | |
| 5533-13533 | 00000/0000 | 1-20074/0087 | 10/03/76 | 30 | 1375 | 4850N | 06610W | 29.0 | 139.3 | GGGG | | |
| 5533-15360 | 00000/0000 | 1-20074/0088 | 10/03/76 | 80 | 1376 | 5139N | 09041W | 27.2 | 141.4 | GGGG | | |
| 5533-15362 | 00000/0000 | 1-20074/0089 | 10/03/76 | 80 | 1376 | 5015N | 09121W | 28.1 | 140.4 | GGGG | | |
| 5533-17194 | 00000/0000 | 1-20074/0103 | 10/03/76 | 60 | 1377 | 5013N | 11710W | 28.1 | 140.4 | GGGG | | |
| 5533-17244 | 00000/0000 | 1-20074/0104 | 10/03/76 | 60 | 1377 | 3310N | 12321W | 37.3 | 127.4 | GGGG | | |
| 5534-13582 | 00000/0000 | 1-20074/0090 | 10/04/76 | 60 | 1389 | 5137N | 06619W | 26.9 | 141.6 | GGGG | | |
| 5534-13585 | 00000/0000 | 1-20074/0091 | 10/04/76 | 10 | 1389 | 5013N | 06659W | 27.8 | 140.6 | GGGG | | |
| 5534-13591 | 00000/0000 | 1-20074/0092 | 10/04/76 | 10 | 1389 | 4849N | 06737W | 28.7 | 139.5 | GGGG | | |
| 5534-14032 | 00000/0000 | 1-20074/0093 | 10/04/76 | 30 | 1389 | 3434N | 07243W | 36.4 | 128.9 | GGGG | | |
| 5534-14035 | 00000/0000 | 1-20074/0094 | 10/04/76 | 20 | 1389 | 3308N | 07308W | 37.1 | 127.8 | GGGG | | |
| 5534-14041 | 00000/0000 | 1-20074/0095 | 10/04/76 | 20 | 1389 | 3142N | 07333W | 37.8 | 126.6 | GGGG | | |
| 5534-15414 | 00000/0000 | 1-20074/0096 | 10/04/76 | 60 | 1390 | 5137N | 09209W | 26.9 | 141.6 | GGGG | | |
| 5534-15420 | 00000/0000 | 1-20074/0097 | 10/04/76 | 60 | 1390 | 5012N | 09248W | 27.8 | 140.6 | GGGG | | |
| 5534-17243 | 00000/0000 | 1-20074/0099 | 10/04/76 | 10 | 1391 | 5302N | 11715W | 26.0 | 142.7 | GGGG | | |
| 5534-17245 | 00000/0000 | 1-20074/0100 | 10/04/76 | 10 | 1391 | 5138N | 11757W | 26.9 | 141.7 | GGGG | | |
| 5534-17252 | 00000/0000 | 1-20074/0101 | 10/04/76 | 20 | 1391 | 5014N | 11836W | 27.7 | 140.6 | GGGG | | |
| 5535-14045 | 00000/0000 | 1-20074/0105 | 10/05/76 | 20 | 1403 | 4852N | 06903W | 28.3 | 139.8 | GGGG | | |
| 5536-14103 | 00000/0000 | 1-20074/0106 | 10/06/76 | 50 | 1417 | 4848N | 07031W | 28.0 | 140.0 | GGGG | | |
| 5538-12381 | 00000/0000 | 1-20074/0107 | 10/08/76 | 100 | 1444 | 5011N | 04656W | 26.5 | 141.5 | GGGG | | |
| 5538-12383 | 00000/0000 | 1-20074/0108 | 10/08/76 | 100 | 1444 | 4847N | 04734W | 27.4 | 140.5 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:39 NOV 11, '76

LANDSAT-1
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0019

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN RSLI MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT LANG | SUN FLEV. | SUN AZIM. | IMAGE QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------------|-------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 5538-12390 | 00000/0000 | 1-20074/0109 | 10/08/76 | 90 | 1444 | 4722N | 04810W | 28.3 | 139.5 | GGGG | | |
| 5538-12392 | 00000/0000 | 1-20074/0110 | 10/08/76 | 90 | 1444 | 4557N | 04844W | 29.1 | 138.5 | GGGG | | |
| 5538-12395 | 00000/0000 | 1-20074/0111 | 10/08/76 | 80 | 1444 | 4432N | 04917W | 30.0 | 137.5 | GGGG | | |
| 5538-12401 | 00000/0000 | 1-20074/0112 | 10/08/76 | 40 | 1444 | 4306N | 04949W | 30.8 | 136.5 | GGGG | | |
| 5538-12404 | 00000/0000 | 1-20074/0113 | 10/08/76 | 40 | 1444 | 4141N | 05020W | 31.6 | 135.5 | GGGG | | |
| 5538-17480 | 00000/0000 | 1-20074/0114 | 10/08/76 | 80 | 1447 | 5012N | 12421W | 26.4 | 141.5 | GGG | | |
| 5538-17494 | 00000/0000 | 1-20074/0115 | 10/08/76 | 90 | 1447 | 4432N | 12643W | 29.9 | 137.6 | GGGG | | |
| 5538-17500 | 00000/0000 | 1-20074/0116 | 10/08/76 | 70 | 1447 | 4307N | 12715W | 30.7 | 136.6 | GGGG | | |
| 5539-12432 | 00000/0000 | 1-20074/0118 | 10/09/76 | 90 | 1458 | 5138N | 04738W | 25.3 | 142.7 | GGGG | | |
| 5539-12435 | 00000/0000 | 1-20074/0119 | 10/09/76 | 90 | 1458 | 5013N | 04819W | 26.2 | 141.7 | GGGG | | |
| 5539-12441 | 00000/0000 | 1-20074/0120 | 10/09/76 | 90 | 1458 | 4848N | 04858W | 27.1 | 140.7 | GGGG | | |
| 5539-12444 | 00000/0000 | 1-20074/0121 | 10/09/76 | 90 | 1458 | 4723N | 04935W | 27.9 | 139.7 | GGGG | | |
| 5539-12450 | 00000/0000 | 1-20074/0122 | 10/09/76 | 90 | 1458 | 4558N | 05010W | 28.8 | 138.7 | GGGG | | |
| 5539-12453 | 00000/0000 | 1-20074/0123 | 10/09/76 | 90 | 1458 | 4433N | 05047W | 29.7 | 137.8 | GGGG | | |
| 5539-12455 | 00000/0000 | 1-20074/0124 | 10/09/76 | 80 | 1458 | 4308N | 05116W | 30.5 | 136.8 | GGGG | | |
| 5539-12462 | 00000/0000 | 1-20074/0125 | 10/09/76 | 30 | 1458 | 4142N | 05146W | 31.3 | 135.8 | GGGG | | |
| 5539-16102 | 00000/0000 | 1-20074/0117 | 10/09/76 | 30 | 1460 | 5014N | 10000W | 26.1 | 141.7 | GGGG | | |
| 5540-12484 | 00000/0000 | 1-20074/0152 | 10/10/76 | 100 | 1472 | 5303N | 04823W | 24.0 | 143.9 | GG | | |
| 5540-12490 | 00000/0000 | 1-20074/0153 | 10/10/76 | 100 | 1472 | 5139N | 04904W | 25.0 | 142.9 | GGGG | | |
| 5540-12493 | 00000/0000 | 1-20074/0154 | 10/10/76 | 90 | 1472 | 5014N | 04944W | 25.9 | 141.9 | GGGG | | |
| 5540-12495 | 00000/0000 | 1-20074/0155 | 10/10/76 | 90 | 1472 | 4849N | 05022W | 26.7 | 140.9 | GGGG | | |
| 5540-12502 | 00000/0000 | 1-20074/0156 | 10/10/76 | 90 | 1472 | 4724N | 05100W | 27.6 | 140.0 | GGGG | | |
| 5540-12504 | 00000/0000 | 1-20074/0157 | 10/10/76 | 90 | 1472 | 4559N | 05136W | 28.5 | 139.0 | GGGG | | |
| 5540-12511 | 00000/0000 | 1-20074/0158 | 10/10/76 | 90 | 1472 | 4434N | 05210W | 29.3 | 138.0 | GGGG | | |
| 5540-12513 | 00000/0000 | 1-20074/0159 | 10/10/76 | 80 | 1472 | 4310N | 05242W | 30.2 | 137.1 | GGGG | | |
| 5540-12520 | 00000/0000 | 1-20074/0160 | 10/10/76 | 80 | 1472 | 4145N | 05313W | 31.0 | 136.1 | GGGG | | |
| 5540-16160 | 00000/0000 | 1-20074/0126 | 10/10/76 | 20 | 1474 | 5014N | 10124W | 25.8 | 142.0 | GGGG | | |
| 5541-12535 | 00000/0000 | 1-20074/0141 | 10/11/76 | 90 | 1486 | 5427N | 04908W | 22.8 | 145.1 | GGGG | | |
| 5541-12542 | 00000/0000 | 1-20074/0142 | 10/11/76 | 90 | 1486 | 5302N | 04951W | 23.7 | 144.1 | GGGG | | |
| 5541-12544 | 00000/0000 | 1-20074/0143 | 10/11/76 | 90 | 1486 | 5138N | 05032W | 24.6 | 143.1 | GGGG | | |
| 5541-12551 | 00000/0000 | 1-20074/0144 | 10/11/76 | 60 | 1486 | 5014N | 05111W | 25.5 | 142.1 | GGGG | | |
| 5541-12553 | 00000/0000 | 1-20074/0145 | 10/11/76 | 40 | 1486 | 4850N | 05148W | 26.4 | 141.2 | GGGG | | |
| 5541-12560 | 00000/0000 | 1-20074/0146 | 10/11/76 | 80 | 1486 | 4726N | 05224W | 27.3 | 140.2 | GGGG | | |
| 5541-12562 | 00000/0000 | 1-20074/0147 | 10/11/76 | 90 | 1486 | 4600N | 05259W | 28.2 | 139.2 | GGGG | | |
| 5541-12565 | 00000/0000 | 1-20074/0148 | 10/11/76 | 80 | 1486 | 4435N | 05334W | 29.0 | 138.3 | GGGG | | |
| 5541-12571 | 00000/0000 | 1-20074/0149 | 10/11/76 | 80 | 1486 | 4310N | 05407W | 29.9 | 137.3 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:39 NOV 11, 1976

LANDSAT-1
OBSERVATION ID LISTING
FOR NNN=US
FROM 10/01/76 TO 10/31/76

PAGE 0020

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN RSL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINCIPAL PRINT LONG | SUN ELEV. | SUN AZIM. | IMAGE=QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|----------------------------|------------------|----------------|-----------------|------------------------------|----------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 5541-12574 | 00000/0000 | 1-20074/0150 | 10/11/76 | 90 | 1486 | 4145N | 05438W | 30.7 | 136.3 | GGGG | | |
| 5541-14382 | 00000/0000 | 1-20074/0151 | 10/11/76 | 50 | 1487 | 5012N | 07702W | 25.5 | 142.1 | GGGG | | |
| 5541-16202 | 00000/0000 | 1-20074/0127 | 10/11/76 | 0 | 1488 | 5425N | 10046W | 22.7 | 145.1 | GGFG | | |
| 5541-16205 | 00000/0000 | 1-20074/0128 | 10/11/76 | 10 | 1488 | 5301N | 10130W | 23.7 | 144.1 | GGGG | | |
| 5541-16211 | 00000/0000 | 1-20074/0129 | 10/11/76 | 10 | 1488 | 5136N | 10212W | 24.6 | 143.1 | GGGG | | |
| 5541-16214 | 00000/0000 | 1-20074/0130 | 10/11/76 | 20 | 1488 | 5012N | 10251W | 25.5 | 142.1 | GGGG | | |
| 5542-12593 | 00000/0000 | 1-20074/0131 | 10/12/76 | 70 | 1500 | 5427N | 05033W | 22.4 | 145.2 | GGGG | | |
| 5542-12595 | 00000/0000 | 1-20074/0132 | 10/12/76 | 70 | 1500 | 5303N | 05117W | 23.4 | 144.3 | GGG | | |
| 5542-13002 | 00000/0000 | 1-20074/0133 | 10/12/76 | 50 | 1500 | 5139N | 05159W | 24.3 | 143.3 | GGG | | |
| 5542-13004 | 00000/0000 | 1-20074/0134 | 10/12/76 | 50 | 1500 | 5015N | 05239W | 25.2 | 142.3 | GGGG | | |
| 5542-13011 | 00000/0000 | 1-20074/0135 | 10/12/76 | 90 | 1500 | 4850N | 05317W | 26.1 | 141.4 | GGGG | | |
| 5542-13013 | 00000/0000 | 1-20074/0136 | 10/12/76 | 80 | 1500 | 4725N | 05354W | 27.0 | 140.4 | GGGG | | |
| 5542-13020 | 00000/0000 | 1-20074/0137 | 10/12/76 | 70 | 1500 | 4602N | 05430W | 27.8 | 139.5 | GGGG | | |
| 5542-13022 | 00000/0000 | 1-20074/0138 | 10/12/76 | 50 | 1500 | 4438N | 05504W | 28.7 | 138.5 | GGFF | | |
| 5542-13025 | 00000/0000 | 1-20074/0139 | 10/12/76 | 80 | 1500 | 4313N | 05536W | 29.5 | 137.6 | GGFF | | |
| 5542-13031 | 00000/0000 | 1-20074/0140 | 10/12/76 | 80 | 1500 | 4147N | 05606W | 30.4 | 136.6 | GGGG | | |
| 5542-18024 | 00000/0000 | 1-20074/0161 | 10/12/76 | 80 | 1503 | 7539N | 10134W | 6.7 | 172.6 | FGGG | | |
| 5542-18030 | 00000/0000 | 1-20074/0162 | 10/12/76 | 30 | 1503 | 7430N | 10501W | 7.7 | 169.3 | GGFF | | |
| 5542-18033 | 00000/0000 | 1-20074/0163 | 10/12/76 | 30 | 1503 | 7317N | 10801W | 8.7 | 166.4 | GGGF | | |
| 5542-18035 | 00000/0000 | 1-20074/0164 | 10/12/76 | 80 | 1503 | 7203N | 11038W | 9.7 | 163.8 | FGGG | | |
| 5542-18042 | 00000/0000 | 1-20074/0165 | 10/12/76 | 70 | 1503 | 7046N | 11256W | 10.7 | 161.6 | GGGG | | |
| 5542-18044 | 00000/0000 | 1-20074/0166 | 10/12/76 | 50 | 1503 | 6929N | 11457W | 11.7 | 159.6 | GGGG | | |
| 5542-18053 | 00000/0000 | 1-20074/0167 | 10/12/76 | 10 | 1503 | 6651N | 11823W | 13.7 | 156.1 | FGGG | | |
| 5542-18060 | 00000/0000 | 1-20074/0168 | 10/12/76 | 40 | 1503 | 6529N | 11950W | 14.7 | 154.6 | FGGG | | |
| 5542-18062 | 00000/0000 | 1-20074/0169 | 10/12/76 | 40 | 1503 | 6408N | 12109W | 15.6 | 153.2 | FGGG | | |
| 5542-18065 | 00000/0000 | 1-20074/0170 | 10/12/76 | 30 | 1503 | 6247N | 12222W | 16.6 | 151.9 | GGGG | | |
| 5542-18071 | 00000/0000 | 1-20074/0171 | 10/12/76 | 20 | 1503 | 6125N | 12328W | 17.6 | 150.7 | FFGG | | |
| 5542-18074 | 00000/0000 | 1-20074/0172 | 10/12/76 | 10 | 1503 | 6002N | 12429W | 18.6 | 149.5 | FGGG | | |
| 5542-18080 | 00000/0000 | 1-20074/0173 | 10/12/76 | 40 | 1503 | 5839N | 12527W | 19.5 | 148.4 | GGGG | | |
| 5542-18083 | 00000/0000 | 1-20074/0174 | 10/12/76 | 90 | 1503 | 5716N | 12620W | 20.5 | 147.3 | GGFG | | |
| 5542-18094 | 00000/0000 | 1-20074/0175 | 10/12/76 | 100 | 1503 | 5304N | 12843W | 23.3 | 144.3 | GGGG | | |
| 5542-18101 | 00000/0000 | 1-20074/0176 | 10/12/76 | 100 | 1503 | 5140N | 12924W | 24.2 | 143.3 | GGGG | | |
| 5542-18103 | 00000/0000 | 1-20074/0177 | 10/12/76 | 90 | 1503 | 5015N | 13003W | 25.1 | 142.4 | GGGF | | |
| 5543-13051 | 00000/0000 | 1-20074/0184 | 10/13/76 | 100 | 1514 | 5428N | 05159W | 22.1 | 145.4 | FFGG | | |
| 5543-13053 | 00000/0000 | 1-20074/0185 | 10/13/76 | 90 | 1514 | 5304N | 05243W | 23.0 | 144.5 | GGGG | | |
| 5543-13060 | 00000/0000 | 1-20074/0186 | 10/13/76 | 90 | 1514 | 5140N | 05325W | 23.9 | 143.5 | FGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-1
OBSERVATION ID LISTING
FOR NAN-US
FROM 10/01/76 TO 10/31/76

PAGE 0021

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|------------------|----------------|-----------------|------------------------------------|-------------------------------------|--------------|--------------|-------------------|---------------------|----------------------|
| | | | | | | | | | 123 45678 | | |
| 5543-13062 | 00000/0000 | 1-20074/0187 | 10/13/76 | 80 | 1514 | 5016N | 05405W | 24.8 | 142.5 | GGGG | |
| 5543-13065 | 00000/0000 | 1-20074/0188 | 10/13/76 | 40 | 1514 | 4852N | 05444W | 25.7 | 141.6 | GGGG | |
| 5543-13071 | 00000/0000 | 1-20074/0189 | 10/13/76 | 50 | 1514 | 4728N | 05521W | 26.6 | 140.7 | FGGG | |
| 5543-13074 | 00000/0000 | 1-20074/0190 | 10/13/76 | 80 | 1514 | 4602N | 05556W | 27.5 | 139.7 | GGGG | |
| 5543-13080 | 00000/0000 | 1-20074/0191 | 10/13/76 | 90 | 1514 | 4437N | 05629W | 28.4 | 138.8 | FGGG | |
| 5543-13083 | 00000/0000 | 1-20074/0192 | 10/13/76 | 90 | 1514 | 4311N | 05700W | 29.2 | 137.8 | GGGG | |
| 5543-13085 | 00000/0000 | 1-20074/0193 | 10/13/76 | 90 | 1514 | 4146N | 05731W | 30.1 | 136.9 | GGGG | |
| 5543-16305 | 00000/0000 | 1-20074/0194 | 10/13/76 | 40 | 1516 | 5713N | 10200W | 20.2 | 147.5 | GGGG | |
| 5543-16312 | 00000/0000 | 1-20074/0195 | 10/13/76 | 70 | 1516 | 5550N | 10250W | 21.1 | 146.4 | GGGG | |
| 5543-16314 | 00000/0000 | 1-20074/0196 | 10/13/76 | 100 | 1516 | 5426N | 10337W | 22.1 | 145.4 | GGGG | |
| 5543-16321 | 00000/0000 | 1-20074/0197 | 10/13/76 | 100 | 1516 | 5302N | 10421W | 23.0 | 144.5 | GGGG | |
| 5543-16323 | 00000/0000 | 1-20074/0198 | 10/13/76 | 80 | 1516 | 5138N | 10503W | 23.9 | 143.5 | GGGG | |
| 5543-16330 | 00000/0000 | 1-20074/0199 | 10/13/76 | 40 | 1516 | 5013N | 10543W | 24.8 | 142.6 | FGGG | |
| 5544-13102 | 00000/0000 | 1-20074/0200 | 10/14/76 | 100 | 1528 | 5549N | 05239W | 20.8 | 146.6 | GGGG | |
| 5544-13105 | 00000/0000 | 1-20074/0201 | 10/14/76 | 90 | 1528 | 5425N | 05325W | 21.8 | 145.6 | GGGG | |
| 5544-13111 | 00000/0000 | 1-20074/0202 | 10/14/76 | 90 | 1528 | 5301N | 05410W | 22.7 | 144.6 | GGGG | |
| 5544-13114 | 00000/0000 | 1-20074/0203 | 10/14/76 | 90 | 1528 | 5137N | 05452W | 23.6 | 143.7 | GGGG | |
| 5544-13120 | 00000/0000 | 1-20074/0204 | 10/14/76 | 60 | 1528 | 5012N | 05533W | 24.5 | 142.7 | GGGG | |
| 5544-13123 | 00000/0000 | 1-20074/0205 | 10/14/76 | 90 | 1528 | 4847N | 05611W | 25.4 | 141.8 | GGGG | |
| 5544-13125 | 00000/0000 | 1-20074/0206 | 10/14/76 | 80 | 1528 | 4723N | 05647W | 26.3 | 140.9 | GGGG | |
| 5544-13132 | 00000/0000 | 1-20074/0207 | 10/14/76 | 50 | 1528 | 4558N | 05721W | 27.2 | 139.9 | GGGG | |
| 5544-13134 | 00000/0000 | 1-20074/0208 | 10/14/76 | 40 | 1528 | 4433N | 05754W | 28.1 | 139.0 | GGGG | |
| 5544-13141 | 00000/0000 | 1-20074/0209 | 10/14/76 | 70 | 1528 | 4308N | 05825W | 29.0 | 138.1 | GGGG | |
| 5544-13143 | 00000/0000 | 1-20074/0210 | 10/14/76 | 80 | 1528 | 4142N | 05856W | 29.8 | 137.1 | GGGG | |
| 5544-16363 | 00000/0000 | 1-20074/0178 | 10/14/76 | 90 | 1530 | 5710N | 10327W | 19.9 | 147.6 | FGGG | |
| 5544-16370 | 00000/0000 | 1-20074/0179 | 10/14/76 | 100 | 1530 | 5547N | 10417W | 20.8 | 146.6 | FGGG | |
| 5544-16372 | 00000/0000 | 1-20074/0180 | 10/14/76 | 100 | 1530 | 5423N | 10504W | 21.7 | 145.6 | GGFF | |
| 5544-16375 | 00000/0000 | 1-20074/0181 | 10/14/76 | 90 | 1530 | 5300N | 10547W | 22.7 | 144.6 | GGGG | |
| 5544-16381 | 00000/0000 | 1-20074/0182 | 10/14/76 | 90 | 1530 | 5135N | 10629W | 23.6 | 143.7 | GGGG | |
| 5544-16443 | 00000/0000 | 1-20074/0183 | 10/14/76 | 10 | 1530 | 3015N | 11409W | 36.0 | 129.1 | FGGG | |
| 5545-13160 | 00000/0000 | 1-20074/0219 | 10/15/76 | 100 | 1542 | 5547N | 05407W | 20.5 | 146.7 | GGGG | |
| 5545-13163 | 00000/0000 | 1-20074/0220 | 10/15/76 | 100 | 1542 | 5424N | 05454W | 21.5 | 145.7 | GGGG | |
| 5545-13165 | 00000/0000 | 1-20074/0221 | 10/15/76 | 100 | 1542 | 5259N | 05538W | 22.4 | 144.8 | GGGG | |
| 5545-13172 | 00000/0000 | 1-20074/0222 | 10/15/76 | 100 | 1542 | 5134N | 05620W | 23.3 | 143.8 | GGGG | |
| 5545-13174 | 00000/0000 | 1-20074/0223 | 10/15/76 | 90 | 1542 | 5010N | 05700W | 24.2 | 142.9 | GGGG | |
| 5545-13181 | 00000/0000 | 1-20074/0224 | 10/15/76 | 70 | 1542 | 4845N | 05737W | 25.1 | 142.0 | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:39 NOV 11, 1976

LANDSAT-1
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0022

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NR./ IN RSLI MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL BT IMAGE LAT | PRINT LANG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|---------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 5545-13183 | 00000/0000 | 1-20074/0225 | 10/15/76 | 60 | 1542 | 4721N | 05812W | 26.0 | 141.0 | GGGG | | |
| 5545-13190 | 00000/0000 | 1-20074/0226 | 10/15/76 | 60 | 1542 | 4556N | 05846W | 26.9 | 140.1 | GGGG | | |
| 5545-13192 | 00000/0000 | 1-20074/0227 | 10/15/76 | 50 | 1542 | 4431N | 05919W | 27.8 | 139.2 | GGGG | | |
| 5545-13195 | 00000/0000 | 1-20074/0228 | 10/15/76 | 50 | 1542 | 4305N | 05952W | 28.7 | 138.3 | GGGG | | |
| 5545-13201 | 00000/0000 | 1-20074/0229 | 10/15/76 | 50 | 1542 | 4140N | 06024W | 29.5 | 137.4 | GGGG | | |
| 5545-16414 | 00000/0000 | 1-20074/0211 | 10/15/76 | 90 | 1544 | 5836N | 10355W | 18.5 | 148.8 | GGGG | | |
| 5545-16421 | 00000/0000 | 1-20074/0212 | 10/15/76 | 90 | 1544 | 5713N | 10449W | 19.5 | 147.7 | GGGG | | |
| 5545-16423 | 00000/0000 | 1-20074/0213 | 10/15/76 | 90 | 1544 | 5550N | 10539W | 20.4 | 146.7 | GGGG | | |
| 5545-16430 | 00000/0000 | 1-20074/0214 | 10/15/76 | 90 | 1544 | 5426N | 10627W | 21.4 | 145.8 | GGGG | | |
| 5545-16432 | 00000/0000 | 1-20074/0215 | 10/15/76 | 90 | 1544 | 5302N | 10712W | 22.3 | 144.8 | GGGG | | |
| 5545-16435 | 00000/0000 | 1-20074/0216 | 10/15/76 | 100 | 1544 | 5137N | 10754W | 23.3 | 143.9 | GGGG | | |
| 5545-16441 | 00000/0000 | 1-20074/0217 | 10/15/76 | 90 | 1544 | 5012N | 10834W | 24.2 | 142.9 | GGGG | | |
| 5545-16500 | 00000/0000 | 1-20074/0218 | 10/15/76 | 50 | 1544 | 3016N | 11533W | 35.7 | 129.5 | GGGG | | |
| 5546-13212 | 00000/0000 | 1-20074/0230 | 10/16/76 | 90 | 1556 | 5713N | 05441W | 19.2 | 147.9 | GGGG | | |
| 5546-13214 | 00000/0000 | 1-20074/0231 | 10/16/76 | 90 | 1556 | 5549N | 05531W | 20.2 | 146.9 | GGGG | | |
| 5546-13221 | 00000/0000 | 1-20074/0232 | 10/16/76 | 100 | 1556 | 5425N | 05618W | 21.1 | 145.9 | GGGG | | |
| 5546-13223 | 00000/0000 | 1-20074/0233 | 10/16/76 | 90 | 1556 | 5300N | 05702W | 22.0 | 144.9 | GGGG | | |
| 5546-13230 | 00000/0000 | 1-20074/0234 | 10/16/76 | 70 | 1556 | 5135N | 05745W | 23.0 | 144.0 | GGGG | | |
| 5546-13232 | 00000/0000 | 1-20074/0235 | 10/16/76 | 80 | 1556 | 5010N | 05825W | 23.9 | 143.1 | GGGG | | |
| 5546-13235 | 00000/0000 | 1-20074/0236 | 10/16/76 | 70 | 1556 | 4845N | 05903W | 24.8 | 142.2 | GGGG | | |
| 5546-13241 | 00000/0000 | 1-20074/0237 | 10/16/76 | 90 | 1556 | 4720N | 05939W | 25.7 | 141.3 | GGGG | | |
| 5546-13244 | 00000/0000 | 1-20074/0238 | 10/16/76 | 70 | 1556 | 4556N | 06013W | 26.6 | 140.4 | GGGG | | |
| 5546-13250 | 00000/0000 | 1-20074/0239 | 10/16/76 | 50 | 1556 | 4431N | 06046W | 27.5 | 139.4 | GGGG | | |
| 5546-13253 | 00000/0000 | 1-20074/0240 | 10/16/76 | 30 | 1556 | 4307N | 06117W | 28.4 | 138.5 | GGGG | | |
| 5546-13255 | 00000/0000 | 1-20074/0241 | 10/16/76 | 30 | 1556 | 4141N | 06148W | 29.2 | 137.6 | GGGG | | |
| 5546-16493 | 00000/0000 | 1-20074/0242 | 10/16/76 | 10 | 1558 | 5138N | 10919W | 22.9 | 144.0 | GGGG | | |
| 5546-16495 | 00000/0000 | 1-20074/0243 | 10/16/76 | 20 | 1558 | 5013N | 10959W | 23.8 | 143.1 | GGGG | | |
| 5547-13270 | 00000/0000 | 1-20074/0244 | 10/17/76 | 100 | 1570 | 5713N | 05606W | 18.9 | 148.0 | GGGG | | |
| 5547-13272 | 00000/0000 | 1-20074/0245 | 10/17/76 | 90 | 1570 | 5549N | 05656W | 19.8 | 147.0 | GGGG | | |
| 5547-13275 | 00000/0000 | 1-20074/0246 | 10/17/76 | 90 | 1570 | 5425N | 05742W | 20.8 | 146.1 | GGGG | | |
| 5547-13281 | 00000/0000 | 1-20074/0247 | 10/17/76 | 60 | 1570 | 5301N | 05826W | 21.7 | 145.1 | GGGG | | |
| 5547-13284 | 00000/0000 | 1-20074/0248 | 10/17/76 | 50 | 1570 | 5138N | 05908W | 22.6 | 144.2 | GGGG | | |
| 5547-13290 | 00000/0000 | 1-20074/0249 | 10/17/76 | 80 | 1570 | 5014N | 05948W | 23.6 | 143.3 | GGGG | | |
| 5547-13293 | 00000/0000 | 1-20074/0250 | 10/17/76 | 80 | 1570 | 4849N | 06026W | 24.5 | 142.4 | GGGG | | |
| 5547-13295 | 00000/0000 | 1-20074/0251 | 10/17/76 | 90 | 1570 | 4723N | 06103W | 25.4 | 141.5 | GGGG | | |
| 5547-13302 | 00000/0000 | 1-20074/0252 | 10/17/76 | 70 | 1570 | 4558N | 06137W | 26.3 | 140.6 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:39 NOV 11, 1976

LANDSAT-1
OBSERVATION ID LISTING
FSR N9N-US
FROM 10/01/76 TO 10/31/76

PAGE 0023

| OBSERVATION ID | MICROFILM RELI NO./ POSITION IN RELI. RBV | MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL PRINT OF IMAGE LAT | PRINT LONG | SUN FLEV. | SUN AZIM. | IMAGE QUAL RBV | MSS MSS | MSS DATA | MSS IMAGE |
|-------------------|---|--------------|------------------|----------------|-----------------|------------------------------------|---------------|--------------|--------------|-------------------|------------|-------------|--------------|
| | | | | | | | | | | 123 | 45678 | MODE | GAIN |
| 5547-13304 | 00000/0000 | 1-20074/0253 | 10/17/76 | 50 | 1570 | 4432N | 06210W | 27.2 | 139.7 | GGGG | | | |
| 5547-13311 | 00000/0000 | 1-20074/0254 | 10/17/76 | 50 | 1570 | 4308N | 06242W | 28.0 | 138.8 | GGGG | | | |
| 5547-13313 | 00000/0000 | 1-20074/0255 | 10/17/76 | 60 | 1570 | 4143N | 06313W | 28.9 | 137.9 | GGGG | | | |
| 5548-13324 | 00000/0000 | 1-20074/0256 | 10/18/76 | 90 | 1584 | 5711N | 05735W | 18.5 | 148.1 | GGGG | | | |
| 5548-13330 | 00000/0000 | 1-20074/0257 | 10/18/76 | 90 | 1584 | 5547N | 05824W | 19.5 | 147.1 | GGGG | | | |
| 5548-13333 | 00000/0000 | 1-20074/0258 | 10/18/76 | 90 | 1584 | 5423N | 05911W | 20.5 | 146.2 | GGGG | | | |
| 5548-13335 | 00000/0000 | 1-20074/0259 | 10/18/76 | 90 | 1584 | 5259N | 05955W | 21.4 | 145.3 | GGGG | | | |
| 5548-13342 | 00000/0000 | 1-20074/0260 | 10/18/76 | 90 | 1584 | 5134N | 06037W | 22.3 | 144.3 | GGGG | | | |
| 5548-13344 | 00000/0000 | 1-20074/0261 | 10/18/76 | 100 | 1584 | 5010N | 06117W | 23.3 | 143.4 | GGGG | | | |
| 5548-13351 | 00000/0000 | 1-20074/0262 | 10/18/76 | 100 | 1584 | 4846N | 06155W | 24.2 | 142.5 | GGGG | | | |
| 5548-13353 | 00000/0000 | 1-20074/0263 | 10/18/76 | 100 | 1584 | 4721N | 06232W | 25.1 | 141.7 | GGGG | | | |
| 5548-13360 | 00000/0000 | 1-20074/0264 | 10/18/76 | 100 | 1584 | 4556N | 06307W | 26.0 | 140.8 | GGGG | | | |
| 5548-13362 | 00000/0000 | 1-20074/0265 | 10/18/76 | 100 | 1584 | 4431N | 06340W | 26.9 | 139.9 | GGGG | | | |
| 5548-13365 | 00000/0000 | 1-20074/0266 | 10/18/76 | 90 | 1584 | 4306N | 06412W | 27.8 | 139.0 | GGGG | | | |
| 5548-13371 | 00000/0000 | 1-20074/0267 | 10/18/76 | 90 | 1584 | 4141N | 06442W | 28.6 | 138.1 | GGGG | | | |

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
OF POOR QUALITY

LANDSAT 1 COORDINATE LISTING

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LANDSAT-1
COORDINATE LISTING
FOR NBN-US
FROM 10/01/76 TO 10/31/76

PAGE 0026

| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | | | |
|---------------------------|-------------------|------------|--------------------|---------------------------|-------------------|---------|--------------------|---------------------------|-------------------|---------|--------------------|------------|-----|------|
| LONG | LAT | | 12345678 | LONG | LAT | | 12345678 | LONG | LAT | | 12345678 | | | |
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| 04734W | 4847N | 5538-12383 | 100 | GGGG | 05313W | 4145N | 5540-12520 | 80 | GGGG | 05647W | 4723N | 5544-13125 | 80 | GGGG |
| 04738W | 5138N | 5539-12432 | 90 | GGGG | 05317W | 4850N | 5542-13011 | 90 | GGGG | 05656W | 5551N | 5529-13285 | 70 | GGGG |
| 04810W | 4722N | 5538-12390 | 90 | GGGG | 05325W | 5425N | 5544-13105 | 90 | GGGG | 05656W | 5549N | 5547-13272 | 90 | GGGG |
| 04819W | 5013N | 5539-12435 | 90 | GGGG | 05325W | 5140N | 5543-13060 | 90 | FGGG | 05700W | 5303N | 5528-13240 | 100 | GGGG |
| 04823W | 5303N | 5540-12484 | 100 | GG | 05334W | 4435N | 5541-12565 | 80 | GGGG | 05700W | 5010N | 5545-13174 | 90 | GGGG |
| 04844W | 4557N | 5538-12392 | 90 | FGGG | 05354W | 4725N | 5542-13013 | 80 | GGGG | 05700W | 4311N | 5543-13083 | 90 | GGGG |
| 04858W | 4848N | 5539-12441 | 90 | GGGG | 05358W | 5554N | 5527-13173 | 100 | GGFG | 05702W | 5300N | 5546-13223 | 90 | GGGG |
| 04904W | 5139N | 5540-12490 | 100 | GGGG | 05405W | 5016N | 5543-13062 | 80 | GGGG | 05721W | 4558N | 5544-13132 | 50 | GGGG |
| 04908W | 5427N | 5541-12535 | 90 | GGGG | 05407W | 5547N | 5545-13160 | 100 | GGGG | 05731W | 4146N | 5543-13085 | 90 | GGGG |
| 04917W | 4432N | 5538-12395 | 80 | GGGG | 05407W | 4310N | 5541-12571 | 80 | GGGG | 05734W | 4851N | 5527-13194 | 100 | GGGG |
| 04935W | 4723N | 5539-12444 | 90 | GGGG | 05410W | 5301N | 5544-13111 | 90 | GGGG | 05735W | 5711N | 5548-13324 | 90 | GGGG |
| 04944W | 5014N | 5540-12493 | 90 | GGGG | 05430W | 4602N | 5542-13020 | 70 | GGGG | 05737W | 4845N | 5545-13181 | 70 | GGGG |
| 04949W | 4306N | 5538-12401 | 40 | GGGG | 05438W | 4145N | 5541-12574 | 90 | GGGG | 05742W | 5427N | 5529-13291 | 80 | GGGG |
| 04951W | 5302N | 5541-12542 | 90 | GGGG | 05441W | 5713N | 5546-13212 | 90 | GGGG | 05742W | 5425N | 5547-13275 | 90 | GGGG |
| 05010W | 4558N | 5539-12450 | 90 | GGGG | 05444W | 4852N | 5543-13065 | 40 | GGGG | 05742W | 5139N | 5528-13243 | 100 | GGGG |
| 05020W | 4141N | 5538-12404 | 40 | GGGG | 05447W | 5430N | 5527-13180 | 50 | GGFG | 05745W | 5135N | 5546-13230 | 70 | GGGG |
| 05022W | 4849N | 5540-12495 | 90 | GGGG | 05452W | 5137N | 5544-13114 | 90 | GGGG | 05754W | 4433N | 5544-13134 | 40 | GGGG |
| 05032W | 5138N | 5541-12544 | 90 | GGGG | 05454W | 5424N | 5545-13163 | 100 | GGGG | 05810W | 4725N | 5527-13200 | 90 | GGGG |
| 05033W | 5427N | 5542-12593 | 70 | GGGG | 05504W | 4438N | 5542-13022 | 50 | GGFF | 05812W | 4721N | 5545-13183 | 60 | GGGG |
| 05044W | 4433N | 5539-12453 | 90 | GGGG | 05521W | 4728N | 5543-13071 | 50 | GGGG | 05822W | 5015N | 5528-13245 | 100 | GGGG |
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| 05111W | 5014N | 5541-12551 | 60 | GGGG | 05531W | 5549N | 5546-13214 | 90 | GGGG | 05825W | 5010N | 5546-13232 | 80 | GGGG |
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| 05117W | 5303N | 5542-12595 | 70 | GGG | 05533W | 5012N | 5544-13120 | 60 | GGGG | 05826W | 5303N | 5529-13294 | 90 | GGGG |
| 05136W | 4559N | 5540-12504 | 90 | GGGG | 05536W | 4313N | 5542-13025 | 80 | GGFF | 05826W | 5301N | 5547-13281 | 60 | GGGG |
| 05146W | 4142N | 5539-12462 | 30 | GGGG | 05538W | 5259N | 5545-13165 | 100 | GGGG | 05845W | 4600N | 5527-13203 | 90 | GGGG |
| 05148W | 4850N | 5541-12553 | 40 | GGGG | 05556W | 4602N | 5543-13074 | 80 | GGGG | 05846W | 4556N | 5545-13190 | 60 | GGGG |
| 05159W | 5428N | 5543-13051 | 100 | FFGG | 05606W | 5713N | 5547-13270 | 100 | GGGG | 05856W | 4142N | 5544-13143 | 80 | GGGG |
| 05159W | 5139N | 5542-13002 | 50 | GGG | 05606W | 4147N | 5542-13031 | 80 | GGGG | 05902W | 4849N | 5528-13252 | 100 | FGGG |
| 05210W | 4434N | 5540-12511 | 90 | GGGG | 05607W | 5715N | 5529-13282 | 70 | GGGG | 05903W | 4845N | 5546-13235 | 70 | GGGG |
| 05224W | 4726N | 5541-12560 | 80 | GGGG | 05611W | 4847N | 5544-13123 | 90 | GGGG | 05907W | 5139N | 5529-13300 | 50 | GGGG |
| 05239W | 5549N | 5544-13102 | 100 | GGGG | 05616W | 5141N | 5527-13185 | 90 | GGGG | 05908W | 5138N | 5547-13284 | 50 | GGGG |
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| 05242W | 4310N | 5540-12513 | 80 | GGGG | 05618W | 5425N | 5546-13221 | 100 | GGGG | 05918W | 4435N | 5527-13205 | 100 | GGGG |
| 05243W | 5304N | 5543-13053 | 90 | GGGG | 05620W | 5134N | 5545-13172 | 100 | GGGG | 05919W | 4431N | 5545-13192 | 50 | GGGG |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

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LANDSAT-1
COORDINATE LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0027

| PRINCIPAL PT. OF IMAGE LONG LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE LONG LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE LONG LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 |
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| 05939W 4720N | 5546-13241 | 90 | GGGG | 06307W 4556N | 5548-13360 | 100 | GGGG | 10134W 7539N | 5542-18024 | 80 | FGGG |
| 05946W 5015N | 5529-13303 | 50 | FGGG | 06312W 4142N | 5529-13330 | 40 | FGGG | 10200W 5713N | 5543-16305 | 40 | GGGG |
| 05948W 5014N | 5547-13290 | 80 | GGGG | 06313W 4143N | 5547-13313 | 60 | GGGG | 10212W 5136N | 5541-16211 | 10 | GGGG |
| 05949W 4310N | 5527-13212 | 100 | GGGG | 06332W 4435N | 5530-13375 | 10 | FGGG | 10248W 5554N | 5525-16324 | 90 | GGGG |
| 05952W 5303N | 5530-13352 | 80 | GGGG | 06340W 4431N | 5548-13362 | 100 | GGGG | 10250W 5550N | 5543-16312 | 70 | GGGG |
| 05952W 4305N | 5545-13195 | 50 | GGGG | 06405W 4310N | 5530-13381 | 10 | GGGG | 10251W 5012N | 5541-16214 | 20 | GGGG |
| 05955W 5259N | 5548-13335 | 30 | FGGG | 06412W 4306N | 5548-13365 | 90 | GGGG | 10324W 5717N | 5526-16380 | 10 | GGGG |
| 06012W 4559N | 5528-13261 | 100 | GGGG | 06437W 4145N | 5530-13384 | 10 | GGGG | 10327W 5710N | 5544-16363 | 90 | FGFG |
| 06013W 4556N | 5546-13244 | 70 | GGGG | 06442W 4141N | 5548-13371 | 90 | GGFG | 10336W 5430N | 5525-16331 | 80 | GGGG |
| 06019W 4144N | 5527-13214 | 100 | GGGG | 06610W 4850N | 5533-13533 | 30 | FGGG | 10337W 5426N | 5543-16314 | 100 | GGGG |
| 06023W 4850N | 5529-13305 | 50 | FGGG | 06619W 5137N | 5534-13582 | 60 | G GG | 10355W 5836N | 5545-16414 | 90 | GGGG |
| 06024W 4140N | 5545-13201 | 50 | GGGG | 06659W 5013N | 5534-13585 | 10 | G GF | 10414W 5554N | 5526-16382 | 10 | GGGG |
| 06026W 4849N | 5547-13293 | 80 | GGGG | 06737W 4849N | 5534-13591 | 10 | G GG | 10417W 5547N | 5544-16370 | 100 | FGGF |
| 06034W 5139N | 5530-13354 | 40 | GGGG | 06903W 4852N | 5535-14045 | 20 | GGGG | 10419W 5305N | 5525-16333 | 60 | GGGG |
| 06037W 5134N | 5548-13342 | 90 | FGGG | 07031W 4848N | 5536-14103 | 50 | GGGG | 10421W 5302N | 5543-16321 | 100 | GGGG |
| 06045W 4434N | 5528-13263 | 100 | GGGG | 07243W 3434N | 5534-14032 | 30 | FGGG | 10449W 5713N | 5545-16421 | 90 | GGGG |
| 06046W 4431N | 5546-13250 | 50 | GGGG | 07308W 3308N | 5534-14035 | 20 | FGGG | 10450W 5715N | 5527-16434 | 40 | GGGG |
| 06100W 4726N | 5529-13312 | 60 | GGGG | 07333W 3142N | 5534-14041 | 20 | GGGG | 10501W 7430N | 5542-18030 | 30 | GGFF |
| 06103W 4723N | 5547-13295 | 90 | GGGG | 07702W 5012N | 5541-14382 | 50 | GGGG | 10501W 5429N | 5526-16385 | 30 | GGGG |
| 06113W 5015N | 5530-13361 | 40 | GGGG | 08500W 5138N | 5529-15132 | 80 | GGGG | 10501W 5141N | 5525-16340 | 20 | GGGG |
| 06116W 4308N | 5528-13270 | 100 | GGGG | 08539W 5013N | 5529-15135 | 90 | GGGG | 10503W 5138N | 5543-16323 | 80 | GGGG |
| 06117W 5010N | 5548-13344 | 100 | GGGG | 08707W 5017N | 5530-15192 | 60 | GGGG | 10504W 5423N | 5544-16372 | 100 | GGFF |
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| 06135W 4601N | 5529-13314 | 40 | GGGG | 08956W 5014N | 5532-15304 | 0 | GGGG | 10540W 5551N | 5527-16440 | 30 | GGGG |
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| 06148W 4141N | 5546-13255 | 30 | GGGG | 09209W 5137N | 5534-15414 | 60 | GGGG | 10544W 5304N | 5526-16391 | 30 | GGGG |
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| 06155W 4846N | 5548-13351 | 100 | FGGG | 09554W 2308N | 5530-15272 | 80 | GGGG | 10627W 5426N | 5545-16430 | 90 | GGGG |
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KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G = GBB, P = PBR, F = FAIR.ORIGINAL PAGE IS
OF POOR QUALITY

14:35 W8V 11.176

LANDSAT-1
COORDINATE LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0028

| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBY MSS 12345678 | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBY MSS 12345678 | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBY MSS 12345678 |
|---------------------------|-------------------|---------|--------------------------------|---------------------------|-------------------|---------|--------------------------------|---------------------------|-------------------|---------|--------------------------------|
| LONG LAT | | | | LONG LAT | | | | LONG LAT | | | |
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| 10755W 5139N | 5527-16452 | 10 | GGGG | 11309W 2307N | 5524-16364 | 40 | GGGG | 11823W 6651N | 5542-18053 | 10 | GGGG |
| 10801W 7317N | 5542-18033 | 30 | GGGF | 11328W 2727N | 5525-16410 | 50 | GGGG | 11836W 5014N | 5534-17252 | 20 | GGGG |
| 10834W 5012N | 5545-16441 | 90 | GGGG | 11350W 2602N | 5525-16413 | 60 | GGGG | 11950W 6529N | 5542-18060 | 40 | GGGG |
| 10835W 5014N | 5527-16454 | 0 | GGGG | 11407W 3016N | 5526-16455 | 30 | GGGF | 12109W 6408N | 5542-18062 | 40 | GGGG |
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| 10959W 5013N | 5546-16495 | 20 | FFGG | 11420W 5014N | 5531-17082 | 10 | GGGG | 12321W 3310N | 5533-17244 | 60 | GGFG |
| 11001W 5016N | 5528-16512 | 0 | GGGG | 11431W 2849N | 5526-16462 | 30 | FGGG | 12328W 6125N | 5542-18071 | 20 | FFGG |
| 11038W 7203N | 5542-18035 | 80 | GGGG | 11455W 2723N | 5526-16464 | 40 | GGGG | 12421W 5012N | 5538-17480 | 80 | GGG |
| 11129W 5014N | 5529-16570 | 20 | GGF | 11457W 6929N | 5542-18044 | 50 | GGGG | 12429W 6002N | 5542-18074 | 10 | FGGG |
| 11138W 2855N | 5524-16350 | 50 | GGGG | 11532W 3017N | 5527-16513 | 30 | GGGG | 12527W 5839N | 5542-18080 | 40 | GGGG |
| 11202W 2729N | 5524-16352 | 10 | GGGG | 11533W 3016N | 5545-16500 | 50 | GGGG | 12620W 5716N | 5542-18083 | 90 | GGFG |
| 11213W 5139N | 5530-17022 | 50 | GGG | 11545W 5012N | 5532-17140 | 90 | GGGG | 12643W 4432N | 5538-17494 | 90 | FGGG |
| 11225W 2601N | 5524-16355 | 10 | GGGG | 11556W 2851N | 5527-16520 | 80 | GGGG | 12715W 4307N | 5538-17500 | 70 | FGGG |
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| 11254W 5015N | 5530-17024 | 20 | GGGG | 11710W 5013N | 5533-17194 | 60 | GGGG | 12924W 5140N | 5542-18101 | 100 | GGGG |
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KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

SECTION 5

LANDSAT 2 COVERAGE

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LANDSAT 2 OBSERVATION ID LISTING

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LANDSAT-2
OBSERVATION ID LISTING
FOR NAN-US
FROM 10/01/76 TO 10/31/76

PAGE 0032

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLUD COVER | BRBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT LONG | SUN ELEV. | SUN AZIM. | IMAGE=QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
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| 2601-01273 | 00000/0000 | 2-20034/0271 | 09/14/76 | 90 | 8371 | 4724N | 12825E | 39.6 | 141.8 | GGGG | | |
| 2601-01280 | 00000/0000 | 2-20034/0272 | 09/14/76 | 100 | 8371 | 4559N | 12750E | 40.5 | 140.5 | GGGG | | |
| 2601-01282 | 00000/0000 | 2-20034/0273 | 09/14/76 | 100 | 8371 | 4433N | 12716E | 41.4 | 139.2 | GGGG | | |
| 2601-01285 | 00000/0000 | 2-20034/0274 | 09/14/76 | 90 | 8371 | 4308N | 12644E | 42.3 | 137.8 | GGGG | | |
| 2601-01291 | 00000/0000 | 2-20034/0275 | 09/14/76 | 90 | 8371 | 4143N | 12613E | 43.1 | 136.4 | GGGG | | |
| 2601-01294 | 00000/0000 | 2-20034/0276 | 09/14/76 | 70 | 8371 | 4017N | 12543E | 43.9 | 135.0 | GGGG | | |
| 2601-03075 | 00000/0000 | 2-20034/0277 | 09/14/76 | 70 | 8372 | 5714N | 10740E | 32.9 | 150.9 | GGGG | | |
| 2601-03082 | 00000/0000 | 2-20034/0278 | 09/14/76 | 60 | 8372 | 5551N | 10649E | 33.9 | 149.6 | GGGG | | |
| 2601-03084 | 00000/0000 | 2-20034/0279 | 09/14/76 | 40 | 8372 | 5427N | 10601E | 34.9 | 148.3 | GGGG | | |
| 2601-03091 | 00000/0000 | 2-20034/0280 | 09/14/76 | 20 | 8372 | 5303N | 10516E | 35.8 | 147.0 | GGGG | | |
| 2604-06511 | 00000/0000 | 2-20034/0281 | 09/17/76 | 60 | 8416 | 5841N | 05241E | 30.7 | 152.9 | GGGG | | |
| 2604-06513 | 00000/0000 | 2-20034/0282 | 09/17/76 | 10 | 8416 | 5718N | 05146E | 31.7 | 151.6 | GGGG | | |
| 2604-06520 | 00000/0000 | 2-20034/0283 | 09/17/76 | 30 | 8416 | 5554N | 05055E | 32.7 | 150.3 | GGGG | | |
| 2604-06522 | 00000/0000 | 2-20034/0284 | 09/17/76 | 30 | 8416 | 5430N | 05007E | 33.8 | 149.1 | GGGG | | |
| 2604-06525 | 00000/0000 | 2-20034/0285 | 09/17/76 | 30 | 8416 | 5305N | 04922E | 34.7 | 147.8 | GGGG | | |
| 2604-06531 | 00000/0000 | 2-20034/0286 | 09/17/76 | 30 | 8416 | 5141N | 04839E | 35.7 | 146.6 | GGGG | | |
| 2604-06534 | 00000/0000 | 2-20034/0287 | 09/17/76 | 40 | 8416 | 5016N | 04759E | 36.7 | 145.3 | GGGG | | |
| 2604-06540 | 00000/0000 | 2-20034/0288 | 09/17/76 | 30 | 8416 | 4852N | 04720E | 37.7 | 144.1 | GGGG | | |
| 2604-06543 | 00000/0000 | 2-20034/0289 | 09/17/76 | 40 | 8416 | 4727N | 04643E | 38.6 | 142.8 | GGGG | | |
| 2604-06545 | 00000/0000 | 2-20034/0290 | 09/17/76 | 50 | 8416 | 4602N | 04608E | 39.5 | 141.6 | GGGG | | |
| 2604-06552 | 00000/0000 | 2-20034/0291 | 09/17/76 | 70 | 8416 | 4436N | 04534E | 40.4 | 140.3 | GGGG | | |
| 2604-06554 | 00000/0000 | 2-20034/0292 | 09/17/76 | 50 | 8416 | 4311N | 04501E | 41.3 | 139.0 | GGGG | | |
| 2604-06561 | 00000/0000 | 2-20034/0293 | 09/17/76 | 20 | 8416 | 4145N | 04430E | 42.1 | 137.6 | GGGG | | |
| 2604-06563 | 00000/0000 | 2-20034/0294 | 09/17/76 | 20 | 8416 | 4019N | 04400E | 43.0 | 136.3 | GGGG | | |
| 2604-06570 | 00000/0000 | 2-20034/0295 | 09/17/76 | 30 | 8416 | 3854N | 04331E | 43.8 | 134.9 | GGGG | | |
| 2604-06572 | 00000/0000 | 2-20034/0296 | 09/17/76 | 20 | 8416 | 3728N | 04303E | 44.6 | 133.5 | GGGG | | |
| 2606-03372 | 00000/0000 | 2-20034/0297 | 09/19/76 | 10 | 8442 | 5426N | 09849E | 33.2 | 149.5 | GG G | | |
| 2606-03404 | 00000/0000 | 2-20034/0298 | 09/19/76 | 10 | 8442 | 4306N | 09344E | 40.8 | 139.6 | GGGG | | |
| 2606-05192 | 00000/0000 | 2-20034/0299 | 09/19/76 | 100 | 8443 | 5837N | 07534E | 30.0 | 153.2 | GGGG | | |
| 2606-05194 | 00000/0000 | 2-20034/0300 | 09/19/76 | 100 | 8443 | 5714N | 07440E | 31.1 | 152.0 | GGGG | | |

KEYS: CLUD COVER % 0 TO 100 = % CLUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN=US
FROM 10/01/76 TO 10/31/76

PAGE 0033

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT POINT LONG | SUN ELEV. | SUN AZIM. | IMAGE QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2606-05201 | 00000/0000 | 2-20034/0301 | 09/19/76 | 90 | 8443 | 5550N | 07349E | 32.1 | 150.7 | GGGG | | |
| 2606-22570 | 00000/0000 | 2-20034/0302 | 09/19/76 | 10 | 8453 | 2719S | 15133E | 40.2 | 62.2 | GGGG | | |
| 2606-22572 | 00000/0000 | 2-20034/0303 | 09/19/76 | 10 | 8453 | 2844S | 15109E | 39.3 | 61.4 | GGGG | | |
| 2606-22575 | 00000/0000 | 2-20034/0304 | 09/19/76 | 40 | 8453 | 3010S | 15044E | 38.3 | 60.7 | GGGG | | |
| 2606-22581 | 00000/0000 | 2-20034/0305 | 09/19/76 | 50 | 8453 | 3136S | 15019E | 37.4 | 60.0 | GGGG | | |
| 2606-22584 | 00000/0000 | 2-20034/0306 | 09/19/76 | 50 | 8453 | 3301S | 14954E | 36.5 | 59.3 | GGGG | | |
| 2607-17200 | 2-20034/1195 | 00000/0000 | 09/20/76 | 80 | 8464 | 8040N | 04609W | 8.4 | 215.9 | FFF | | |
| 2607-17205 | 2-20034/1196 | 00000/0000 | 09/20/76 | 90 | 8464 | 7928N | 06148W | 10.7 | 200.5 | FGG | | |
| 2607-17211 | 2-20034/1197 | 00000/0000 | 09/20/76 | 90 | 8464 | 7838N | 06814W | 11.9 | 194.1 | GGG | | |
| 2607-17214 | 2-20034/1198 | 00000/0000 | 09/20/76 | 60 | 8464 | 7742N | 07343W | 13.0 | 188.7 | GGG | | |
| 2608-17254 | 2-20034/1199 | 00000/0000 | 09/21/76 | 80 | 8478 | 8040N | 04750W | 8.1 | 215.8 | GGG | | |
| 2608-17261 | 2-20034/1200 | 00000/0000 | 09/21/76 | 90 | 8478 | 8009N | 05607W | 9.2 | 207.6 | G | | |
| 2608-17263 | 2-20034/1201 | 00000/0000 | 09/21/76 | 60 | 8478 | 7928N | 06327W | 10.4 | 200.4 | GGG | | |
| 2608-17272 | 2-20034/1202 | 00000/0000 | 09/21/76 | 10 | 8478 | 7741N | 07521W | 12.7 | 188.6 | GGG | | |
| 2608-19090 | 2-20034/1203 | 00000/0000 | 09/21/76 | 10 | 8479 | 8041N | 07322W | 8.0 | 216.1 | GGG | | |
| 2608-19092 | 2-20034/1204 | 00000/0000 | 09/21/76 | 10 | 8479 | 8011N | 08140W | 9.2 | 207.9 | GGG | | |
| 2609-17315 | 2-20034/1205 | 00000/0000 | 09/22/76 | 10 | 8492 | 8012N | 05710W | 8.8 | 208.1 | GGG | | |
| 2609-17321 | 2-20034/1206 | 00000/0000 | 09/22/76 | 20 | 8492 | 7931N | 06432W | 9.9 | 200.8 | GGG | | |
| 2609-17324 | 2-20034/1207 | 00000/0000 | 09/22/76 | 30 | 8492 | 7841N | 07100W | 11.1 | 194.5 | GGG | | |
| 2609-17330 | 2-20034/1208 | 00000/0000 | 09/22/76 | 90 | 8492 | 7745N | 07632W | 12.2 | 189.0 | GGG | | |
| 2609-19144 | 2-20034/1209 | 00000/0000 | 09/22/76 | 10 | 8493 | 8041N | 07442W | 7.6 | 216.3 | GGG | | |
| 2609-19150 | 2-20034/1210 | 00000/0000 | 09/22/76 | 10 | 8493 | 8011N | 08258W | 8.7 | 208.1 | GGG | | |
| 2610-17370 | 2-20034/1211 | 00000/0000 | 09/23/76 | 70 | 8506 | 8042N | 05005W | 7.2 | 216.5 | GPF | | |
| 2610-17373 | 2-20034/1212 | 00000/0000 | 09/23/76 | 90 | 8506 | 8012N | 05826W | 8.4 | 208.3 | GFF | | |
| 2610-17375 | 2-20034/1213 | 00000/0000 | 09/23/76 | 90 | 8506 | 7932N | 06549W | 9.5 | 201.0 | FFF | | |
| 2610-17382 | 2-20034/1214 | 00000/0000 | 09/23/76 | 90 | 8506 | 7843N | 07217W | 10.6 | 194.6 | GGF | | |
| 2610-17384 | 2-20034/1215 | 00000/0000 | 09/23/76 | 90 | 8506 | 7746N | 07751W | 11.8 | 189.1 | GGG | | |
| 2610-19202 | 2-20034/1216 | 00000/0000 | 09/23/76 | 90 | 8507 | 8042N | 07557W | 7.2 | 216.5 | GFF | | |
| 2610-19204 | 2-20034/1217 | 00000/0000 | 09/23/76 | 60 | 8507 | 8012N | 08417W | 8.3 | 208.3 | FGG | | |
| 2611-17431 | 2-20034/1218 | 00000/0000 | 09/24/76 | 90 | 8520 | 8007N | 06057W | 8.1 | 207.2 | FGG | | |
| 2611-17440 | 2-20034/1219 | 00000/0000 | 09/24/76 | 40 | 8520 | 7841N | 07348W | 10.3 | 194.5 | FGF | | |
| 2611-17443 | 2-20034/1220 | 00000/0000 | 09/24/76 | 60 | 8520 | 7744N | 07918W | 11.4 | 189.1 | GGF | | |
| 2612-17490 | 2-20034/1221 | 00000/0000 | 09/25/76 | 60 | 8534 | 8008N | 06154W | 7.7 | 207.7 | GGG | | |
| 2612-17492 | 2-20034/1222 | 00000/0000 | 09/25/76 | 60 | 8534 | 7927N | 06912W | 8.8 | 200.5 | GG | | |
| 2612-17495 | 2-20034/1223 | 00000/0000 | 09/25/76 | 70 | 8534 | 7837N | 07535W | 10.0 | 194.2 | GGF | | |
| 2612-17501 | 2-20034/1224 | 00000/0000 | 09/25/76 | 60 | 8534 | 7740N | 08105W | 11.1 | 188.8 | GFF | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
NOT STATED

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NAN-US
FROM 10/01/76 TO 10/31/76

PAGE 0034

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUNBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LANG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS DATA | MSS 123 45678 MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|------------------|------------------------------|---------------|--------------|--------------|----------------------------|-----------------------|----------------------|
| 2613-07423 | 00000/0000 | 2-20034/0090 | 09/26/76 | 70 | 8542 | 5836N | 03942E | 27.5 | 154.6 | GGGG | | |
| 2613-07430 | 00000/0000 | 2-20034/0091 | 09/26/76 | 40 | 8542 | 5713N | 03848E | 28.6 | 153.4 | GGGG | | |
| 2613-07432 | 00000/0000 | 2-20034/0092 | 09/26/76 | 90 | 8542 | 5549N | 03757E | 29.6 | 152.2 | GGGG | | |
| 2613-07435 | 00000/0000 | 2-20034/0093 | 09/26/76 | 100 | 8542 | 5425N | 03709E | 30.7 | 151.0 | GGGG | | |
| 2613-07441 | 00000/0000 | 2-20034/0094 | 09/26/76 | 100 | 8542 | 5301N | 03624E | 31.7 | 149.9 | GGGG | | |
| 2613-07444 | 00000/0000 | 2-20034/0095 | 09/26/76 | 100 | 8542 | 5136N | 03541E | 32.7 | 148.8 | GGGG | | |
| 2613-07450 | 00000/0000 | 2-20034/0096 | 09/26/76 | 90 | 8542 | 5012N | 03500E | 33.7 | 147.6 | GGGG | | |
| 2613-07453 | 00000/0000 | 2-20034/0097 | 09/26/76 | 90 | 8542 | 4847N | 03421E | 34.7 | 146.5 | GGGG | | |
| 2613-07455 | 00000/0000 | 2-20034/0098 | 09/26/76 | 90 | 8542 | 4722N | 03345E | 35.7 | 145.4 | GGGG | | |
| 2613-07462 | 00000/0000 | 2-20034/0099 | 09/26/76 | 80 | 8542 | 4557N | 03310E | 36.7 | 144.2 | GGGG | | |
| 2613-13183 | 00000/0000 | 2-20034/0100 | 09/26/76 | 20 | 8545 | 3134S | 06449W | 39.5 | 62.0 | FFFF | | |
| 2613-13190 | 00000/0000 | 2-20034/0101 | 09/26/76 | 30 | 8545 | 3259S | 06514W | 38.6 | 61.2 | FFFF | | |
| 2613-13192 | 00000/0000 | 2-20034/0102 | 09/26/76 | 30 | 8545 | 3424S | 06540W | 37.7 | 60.5 | FGGG | | |
| 2613-14380 | 00000/0000 | 2-20034/0049 | 09/26/76 | 80 | 8546 | 5015N | 06813W | 33.6 | 147.7 | GGGG | | |
| 2613-14383 | 00000/0000 | 2-20034/0050 | 09/26/76 | 40 | 8546 | 4850N | 06852W | 34.6 | 146.6 | GGGG | | |
| 2613-16212 | 00000/0000 | 2-20034/0001 | 09/26/76 | 90 | 8547 | 5013N | 09403W | 33.6 | 147.7 | GGGG | | |
| 2613-16282 | 00000/0000 | 2-20034/0002 | 09/26/76 | 10 | 8547 | 2558N | 10221W | 48.0 | 125.7 | GGGG | | |
| 2613-16285 | 00000/0000 | 2-20034/0003 | 09/26/76 | 10 | 8547 | 2431N | 10244W | 48.6 | 124.1 | GGGG | | |
| 2613-16291 | 00000/0000 | 2-20034/0004 | 09/26/76 | 20 | 8547 | 2305N | 10306W | 49.2 | 122.4 | GGGG | | |
| 2613-16294 | 00000/0000 | 2-20034/0005 | 09/26/76 | 30 | 8547 | 2139N | 10328W | 49.7 | 120.7 | GGGG | | |
| 2613-16300 | 00000/0000 | 2-20034/0006 | 09/26/76 | 30 | 8547 | 2013N | 10350W | 50.2 | 119.0 | GGGG | | |
| 2613-16303 | 00000/0000 | 2-20034/0007 | 09/26/76 | 40 | 8547 | 1846N | 10411W | 50.7 | 117.3 | GGGG | | |
| 2613-17550 | 2-20034/1225 | 00000/0000 | 09/26/76 | 20 | 8548 | 7931N | 07005W | 8.3 | 201.2 | GGG | | |
| 2613-17553 | 2-20034/1226 | 00000/0000 | 09/26/76 | 20 | 8548 | 7842N | 07630W | 9.5 | 194.8 | GGG | | |
| 2613-17555 | 2-20034/1227 | 00000/0000 | 09/26/76 | 10 | 8548 | 7746N | 08202W | 10.6 | 189.4 | GGG | | |
| 2613-18023 | 00000/0000 | 2-20034/0043 | 09/26/76 | 0 | 8548 | 5715N | 11604W | 28.4 | 153.5 | GGG | | |
| 2613-18030 | 00000/0000 | 2-20034/0044 | 09/26/76 | 10 | 8548 | 5551N | 11655W | 29.4 | 152.3 | GGGG | | |
| 2613-18032 | 00000/0000 | 2-20034/0045 | 09/26/76 | 0 | 8548 | 5427N | 11743W | 30.5 | 151.1 | FGGG | | |
| 2613-18035 | 00000/0000 | 2-20034/0046 | 09/26/76 | 0 | 8548 | 5303N | 11828W | 31.5 | 150.0 | GGGG | | |
| 2613-18041 | 00000/0000 | 2-20034/0047 | 09/26/76 | 10 | 8548 | 5138N | 11910W | 32.5 | 148.9 | GGGG | | |
| 2613-18044 | 00000/0000 | 2-20034/0048 | 09/26/76 | 10 | 8548 | 5014N | 11951W | 33.5 | 147.7 | GGGG | | |
| 2613-21243 | 00000/0000 | 2-20034/0089 | 09/26/76 | 100 | 8550 | 7200N | 15145W | 16.3 | 171.4 | GGGG | | |
| 2613-23390 | 00000/0000 | 2-20034/0026 | 09/26/76 | 20 | 8551 | 3426S | 13925E | 37.8 | 60.6 | G | | |
| 2614-01203 | 00000/0000 | 2-20034/0027 | 09/27/76 | 50 | 8552 | 2842S | 11517E | 41.5 | 63.8 | FGGG | | |
| 2614-01210 | 00000/0000 | 2-20034/0028 | 09/27/76 | 60 | 8552 | 3007S | 11453E | 40.6 | 63.0 | GGGG | | |
| 2614-02432 | 00000/0000 | 2-20034/0072 | 09/27/76 | 50 | 8553 | 4143N | 10734E | 39.2 | 141.0 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN=US
FROM 10/01/76 TO 10/31/76

PAGE 0035

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINCIPAL POINT LANG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|----------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2614-02435 | 00000/0000 | 2-20034/0073 | 09/27/76 | 70 | 8553 | 4018N | 10704E | 40.1 | 139.8 | GGGG | | |
| 2614-02441 | 00000/0000 | 2-20034/0074 | 09/27/76 | 30 | 8553 | 3852N | 10635E | 41.0 | 138.5 | GGGG | | |
| 2614-02444 | 00000/0000 | 2-20034/0051 | 09/27/76 | 30 | 8553 | 3726N | 10607E | 41.9 | 137.3 | FGGG | | |
| 2614-02450 | 00000/0000 | 2-20034/0052 | 09/27/76 | 50 | 8553 | 3600N | 10540E | 42.7 | 136.0 | GGGG | | |
| 2614-02453 | 00000/0000 | 2-20034/0053 | 09/27/76 | 60 | 8553 | 3434N | 10513E | 43.5 | 134.6 | FGGG | | |
| 2614-02455 | 00000/0000 | 2-20034/0054 | 09/27/76 | 50 | 8553 | 3308N | 10447E | 44.3 | 133.3 | GGGG | | |
| 2614-02462 | 00000/0000 | 2-20034/0055 | 09/27/76 | 40 | 8553 | 3141N | 10421E | 45.1 | 131.9 | GGGG | | |
| 2614-02464 | 00000/0000 | 2-20034/0056 | 09/27/76 | 50 | 8553 | 3016N | 10357E | 45.8 | 130.5 | GGGG | | |
| 2614-02471 | 00000/0000 | 2-20034/0057 | 09/27/76 | 60 | 8553 | 2850N | 10333E | 46.6 | 129.0 | GGGG | | |
| 2614-02473 | 00000/0000 | 2-20034/0058 | 09/27/76 | 40 | 8553 | 2724N | 10309E | 47.2 | 127.5 | GGGG | | |
| 2614-04214 | 00000/0000 | 2-20034/0059 | 09/27/76 | 70 | 8554 | 5838N | 08955E | 27.2 | 154.8 | GGGG | | |
| 2614-04221 | 00000/0000 | 2-20034/0060 | 09/27/76 | 80 | 8554 | 5715N | 08901E | 28.2 | 153.6 | GGGG | | |
| 2614-04223 | 00000/0000 | 2-20034/0061 | 09/27/76 | 90 | 8554 | 5551N | 08810E | 29.3 | 152.4 | GGGG | | |
| 2614-04230 | 00000/0000 | 2-20034/0062 | 09/27/76 | 100 | 8554 | 5428N | 08722E | 30.3 | 151.2 | GGGG | | |
| 2614-04232 | 00000/0000 | 2-20034/0063 | 09/27/76 | 90 | 8554 | 5303N | 08637E | 31.4 | 150.1 | GGGG | | |
| 2614-04235 | 00000/0000 | 2-20034/0064 | 09/27/76 | 90 | 8554 | 5139N | 08554E | 32.4 | 149.0 | GGGG | | |
| 2614-04241 | 00000/0000 | 2-20034/0065 | 09/27/76 | 90 | 8554 | 5014N | 08514E | 33.4 | 147.9 | GGGG | | |
| 2614-04244 | 00000/0000 | 2-20034/0066 | 09/27/76 | 90 | 8554 | 4849N | 08435E | 34.4 | 146.7 | GGGG | | |
| 2614-04250 | 00000/0000 | 2-20034/0067 | 09/27/76 | 90 | 8554 | 4724N | 08359E | 35.4 | 145.6 | GGGG | | |
| 2614-04253 | 00000/0000 | 2-20034/0068 | 09/27/76 | 90 | 8554 | 4559N | 08324E | 36.4 | 144.5 | GGGG | | |
| 2614-04255 | 00000/0000 | 2-20034/0069 | 09/27/76 | 70 | 8554 | 4433N | 08250E | 37.3 | 143.3 | GGGG | | |
| 2614-04262 | 00000/0000 | 2-20034/0070 | 09/27/76 | 50 | 8554 | 4308N | 08218E | 38.3 | 142.2 | GGGG | | |
| 2614-04264 | 00000/0000 | 2-20034/0071 | 09/27/76 | 40 | 8554 | 4143N | 08147E | 39.2 | 141.0 | GGGG | | |
| 2614-06050 | 00000/0000 | 2-20034/0075 | 09/27/76 | 60 | 8555 | 5838N | 06405E | 27.1 | 154.8 | GGGG | | |
| 2614-06052 | 00000/0000 | 2-20034/0076 | 09/27/76 | 40 | 8555 | 5715N | 06311E | 28.2 | 153.6 | GGGG | | |
| 2614-06055 | 00000/0000 | 2-20034/0077 | 09/27/76 | 20 | 8555 | 5551N | 06220E | 29.3 | 152.4 | GGGG | | |
| 2614-06061 | 00000/0000 | 2-20034/0078 | 09/27/76 | 10 | 8555 | 5427N | 06132E | 30.3 | 151.2 | GGGG | | |
| 2614-06064 | 00000/0000 | 2-20034/0079 | 09/27/76 | 20 | 8555 | 5303N | 06047E | 31.3 | 150.1 | GGGG | | |
| 2614-06070 | 00000/0000 | 2-20034/0080 | 09/27/76 | 30 | 8555 | 5138N | 06004E | 32.4 | 149.0 | GGGG | | |
| 2614-06073 | 00000/0000 | 2-20034/0081 | 09/27/76 | 30 | 8555 | 5013N | 05923E | 33.4 | 147.9 | GGGG | | |
| 2614-06105 | 00000/0000 | 2-20034/0082 | 09/27/76 | 10 | 8555 | 3851N | 05457E | 41.0 | 138.6 | GGGG | | |
| 2614-06111 | 00000/0000 | 2-20034/0083 | 09/27/76 | 10 | 8555 | 3726N | 05428E | 41.8 | 137.3 | GGGG | | |
| 2614-06114 | 00000/0000 | 2-20034/0084 | 09/27/76 | 0 | 8555 | 3600N | 05401E | 42.7 | 136.0 | GGGG | | |
| 2614-06120 | 00000/0000 | 2-20034/0085 | 09/27/76 | 0 | 8555 | 3434N | 05334E | 43.5 | 134.7 | GGGG | | |
| 2614-06123 | 00000/0000 | 2-20034/0086 | 09/27/76 | 0 | 8555 | 3308N | 05308E | 44.3 | 133.3 | GGGG | | |
| 2614-06125 | 00000/0000 | 2-20034/0087 | 09/27/76 | 0 | 8555 | 3143N | 05243E | 45.1 | 131.9 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NVV 11, 176

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0036

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUN ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|------------------------|---|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2614-06132 | 00000/0000 | 2-20034/0088 | 09/27/76 | 0 | 8555 | 3017N | 05218E | 45.8 | 130.5 | GGGG | |
| 2614-07481 | 00000/0000 | 2-20034/0029 | 09/27/76 | 60 | 8556 | 5837N | 03817E | 27.1 | 154.8 | GGGG | |
| 2614-07484 | 00000/0000 | 2-20034/0030 | 09/27/76 | 40 | 8556 | 5714N | 03723E | 28.2 | 153.6 | GGGG | |
| 2614-07490 | 00000/0000 | 2-20034/0031 | 09/27/76 | 40 | 8556 | 5550N | 03632E | 29.2 | 152.4 | GGGG | |
| 2614-07493 | 00000/0000 | 2-20034/0032 | 09/27/76 | 70 | 8556 | 5427N | 03544E | 30.3 | 151.3 | GGGG | |
| 2614-07495 | 00000/0000 | 2-20034/0033 | 09/27/76 | 80 | 8556 | 5303N | 03459E | 31.3 | 150.1 | GGGG | |
| 2614-07502 | 00000/0000 | 2-20034/0034 | 09/27/76 | 90 | 8556 | 5138N | 03416E | 32.3 | 149.0 | GGGG | |
| 2614-07504 | 00000/0000 | 2-20034/0035 | 09/27/76 | 90 | 8556 | 5013N | 03336E | 33.4 | 147.9 | GGGG | |
| 2614-07511 | 00000/0000 | 2-20034/0036 | 09/27/76 | 60 | 8556 | 4848N | 03257E | 34.4 | 146.8 | GGGG | |
| 2614-07513 | 00000/0000 | 2-20034/0037 | 09/27/76 | 60 | 8556 | 4723N | 03221E | 35.3 | 145.6 | GGGG | |
| 2614-07520 | 00000/0000 | 2-20034/0038 | 09/27/76 | 70 | 8556 | 4559N | 03146E | 36.3 | 144.5 | GGGG | |
| 2614-14432 | 00000/0000 | 2-20034/0128 | 09/27/76 | 70 | 8560 | 5137N | 06902W | 32.3 | 149.0 | GGG | |
| 2614-14435 | 00000/0000 | 2-20034/0129 | 09/27/76 | 90 | 8560 | 5012N | 06942W | 33.3 | 147.9 | GGGG | |
| 2614-14441 | 00000/0000 | 2-20034/0130 | 09/27/76 | 90 | 8560 | 4848N | 07021W | 34.3 | 146.8 | GGGG | |
| 2614-14505 | 00000/0000 | 2-20034/0131 | 09/27/76 | 10 | 8560 | 2556N | 07757W | 47.8 | 126.1 | GGGG | |
| 2614-14512 | 00000/0000 | 2-20034/0132 | 09/27/76 | 10 | 8560 | 2430N | 07820W | 48.4 | 124.5 | GGGG | |
| 2614-16270 | 00000/0000 | 2-20034/0115 | 09/27/76 | 30 | 8561 | 5012N | 09529W | 33.3 | 147.9 | GGGG | |
| 2614-16341 | 00000/0000 | 2-20034/0116 | 09/27/76 | 10 | 8561 | 2555N | 10347W | 47.8 | 126.1 | GGGG | |
| 2614-16343 | 00000/0000 | 2-20034/0117 | 09/27/76 | 20 | 8561 | 2429N | 10410W | 48.4 | 124.6 | GGGG | |
| 2614-16350 | 00000/0000 | 2-20034/0118 | 09/27/76 | 30 | 8561 | 2302N | 10432W | 49.0 | 122.9 | GGGG | |
| 2614-16352 | 00000/0000 | 2-20034/0119 | 09/27/76 | 60 | 8561 | 2136N | 10454W | 49.6 | 121.3 | GGGG | |
| 2614-16355 | 00000/0000 | 2-20034/0120 | 09/27/76 | 90 | 8561 | 2010N | 10515W | 50.1 | 119.5 | GGGG | |
| 2614-16361 | 00000/0000 | 2-20034/0121 | 09/27/76 | 90 | 8561 | 1844N | 10537W | 50.6 | 117.8 | FGGG | |
| 2614-18002 | 2-20034/1228 | 00000/0000 | 09/27/76 | 50 | 8562 | 8007N | 06516W | 6.9 | 207.4 | GGG | |
| 2614-18005 | 2-20034/1229 | 00000/0000 | 09/27/76 | 90 | 8562 | 7925N | 07231W | 8.1 | 200.2 | FGG | |
| 2614-18011 | 2-20034/1230 | 00000/0000 | 09/27/76 | 40 | 8562 | 7834N | 07850W | 9.2 | 194.0 | GG | |
| 2614-18014 | 2-20034/1231 | 00000/0000 | 09/27/76 | 60 | 8562 | 7737N | 08414W | 10.4 | 188.7 | GGG | |
| 2614-18081 | 00000/0000 | 2-20034/0122 | 09/27/76 | 20 | 8562 | 5713N | 11733W | 28.1 | 153.6 | G | |
| 2614-18084 | 00000/0000 | 2-20034/0123 | 09/27/76 | 10 | 8562 | 5549N | 11824W | 29.1 | 152.5 | GGGG | |
| 2614-18090 | 00000/0000 | 2-20034/0124 | 09/27/76 | 0 | 8562 | 5425N | 11911W | 30.2 | 151.3 | GGGG | |
| 2614-18093 | 00000/0000 | 2-20034/0125 | 09/27/76 | 0 | 8562 | 5301N | 11956W | 31.2 | 150.2 | GGGG | |
| 2614-18095 | 00000/0000 | 2-20034/0126 | 09/27/76 | 10 | 8562 | 5136N | 12038W | 32.2 | 149.1 | GGGG | |
| 2614-18102 | 00000/0000 | 2-20034/0127 | 09/27/76 | 10 | 8562 | 5011N | 12119W | 33.2 | 148.0 | GGGG | |
| 2614-23442 | 00000/0000 | 2-20034/0039 | 09/27/76 | 90 | 8565 | 3259S | 13825E | 39.1 | 61.7 | GGGG | |
| 2614-23444 | 00000/0000 | 2-20034/0040 | 09/27/76 | 90 | 8565 | 3424S | 13759E | 38.1 | 60.9 | GGGG | |
| 2615-01255 | 00000/0000 | 2-20034/0041 | 09/28/76 | 40 | 8566 | 2718S | 11414E | 42.6 | 65.1 | GGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NAN-US
FROM 10/01/76 TO 10/31/76

PAGE 0037

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUNBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|------------------|------------------------------|---------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2615-01262 | 00000/0000 | 2-20034/0042 | 09/28/76 | 50 | 8566 | 2844S | 11350E | 41.7 | 64.1 | FGGG | | |
| 2615-02502 | 00000/0000 | 2-20034/0163 | 09/28/76 | 70 | 8567 | 3724N | 10440E | 41.6 | 137.6 | GGGG | | |
| 2615-04304 | 00000/0000 | 2-20034/0164 | 09/28/76 | 10 | 8568 | 4721N | 08229E | 35.1 | 145.8 | GGGG | | |
| 2615-04311 | 00000/0000 | 2-20034/0165 | 09/28/76 | 10 | 8568 | 4556N | 08154E | 36.1 | 144.7 | GGGG | | |
| 2615-04313 | 00000/0000 | 2-20034/0008 | 09/28/76 | 70 | 8568 | 4430N | 08121E | 37.0 | 143.6 | GGGG | | |
| 2615-04320 | 00000/0000 | 2-20034/0009 | 09/28/76 | 70 | 8568 | 4305N | 08048E | 38.0 | 142.4 | GGGG | | |
| 2615-04322 | 00000/0000 | 2-20034/0010 | 09/28/76 | 40 | 8568 | 4140N | 08017E | 38.9 | 141.3 | GGGG | | |
| 2615-04325 | 00000/0000 | 2-20034/0011 | 09/28/76 | 0 | 8568 | 4015N | 07947E | 39.8 | 140.1 | GGGF | | |
| 2615-06165 | 00000/0000 | 2-20034/0012 | 09/28/76 | 70 | 8569 | 3723N | 05303E | 41.6 | 137.6 | GGGG | | |
| 2615-06172 | 00000/0000 | 2-20034/0013 | 09/28/76 | 50 | 8569 | 3557N | 05235E | 42.4 | 136.4 | FGGG | | |
| 2615-07540 | 00000/0000 | 2-20034/0014 | 09/28/76 | 70 | 8570 | 5834N | 03649E | 26.8 | 154.9 | GGGG | | |
| 2615-07542 | 00000/0000 | 2-20034/0015 | 09/28/76 | 70 | 8570 | 5711N | 03554E | 27.9 | 153.7 | GGGG | | |
| 2615-07545 | 00000/0000 | 2-20034/0016 | 09/28/76 | 100 | 8570 | 5547N | 03503E | 28.9 | 152.6 | GGGG | | |
| 2615-07551 | 00000/0000 | 2-20034/0017 | 09/28/76 | 90 | 8570 | 5423N | 03415E | 30.0 | 151.4 | GGGG | | |
| 2615-07554 | 00000/0000 | 2-20034/0018 | 09/28/76 | 90 | 8570 | 5259N | 03330E | 31.0 | 150.3 | GGGG | | |
| 2615-07560 | 00000/0000 | 2-20034/0019 | 09/28/76 | 90 | 8570 | 5135N | 03247E | 32.0 | 149.2 | GGGG | | |
| 2615-07563 | 00000/0000 | 2-20034/0020 | 09/28/76 | 60 | 8570 | 5010N | 03207E | 33.0 | 148.1 | FGGG | | |
| 2615-07565 | 00000/0000 | 2-20034/0021 | 09/28/76 | 50 | 8570 | 4846N | 03129E | 34.0 | 147.0 | GGGG | | |
| 2615-07572 | 00000/0000 | 2-20034/0022 | 09/28/76 | 20 | 8570 | 4720N | 03052E | 35.0 | 145.9 | GGGG | | |
| 2615-07574 | 00000/0000 | 2-20034/0023 | 09/28/76 | 30 | 8570 | 4555N | 03017E | 36.0 | 144.8 | GGGG | | |
| 2615-14495 | 00000/0000 | 2-20034/0133 | 09/28/76 | 60 | 8574 | 4848N | 07144W | 33.9 | 147.1 | GGG | | |
| 2615-16322 | 00000/0000 | 2-20034/0103 | 09/28/76 | 0 | 8575 | 5137N | 09615W | 31.9 | 149.3 | GGGG | | |
| 2615-16324 | 00000/0000 | 2-20034/0104 | 09/28/76 | 10 | 8575 | 5012N | 09655W | 32.9 | 148.2 | GGGG | | |
| 2615-16395 | 00000/0000 | 2-20034/0105 | 09/28/76 | 90 | 8575 | 2556N | 10512W | 47.6 | 126.7 | GGGG | | |
| 2615-16401 | 00000/0000 | 2-20034/0106 | 09/28/76 | 90 | 8575 | 2430N | 10535W | 48.2 | 125.1 | GGGG | | |
| 2615-16404 | 00000/0000 | 2-20034/0107 | 09/28/76 | 90 | 8575 | 2303N | 10557W | 48.8 | 123.5 | GGGG | | |
| 2615-16410 | 00000/0000 | 2-20034/0108 | 09/28/76 | 90 | 8575 | 2137N | 10620W | 49.4 | 121.8 | GGGG | | |
| 2615-16413 | 00000/0000 | 2-20034/0109 | 09/28/76 | 100 | 8575 | 2011N | 10642W | 49.9 | 120.1 | GGGG | | |
| 2615-18060 | 2-20034/1232 | 00000/0000 | 09/28/76 | 50 | 8576 | 8010N | 06557W | 6.4 | 208.1 | FGF | | |
| 2615-18063 | 2-20034/1233 | 00000/0000 | 09/28/76 | 40 | 8576 | 7928N | 07318W | 7.6 | 200.9 | GGG | | |
| 2615-18065 | 2-20034/1234 | 00000/0000 | 09/28/76 | 30 | 8576 | 7839N | 07941W | 8.7 | 194.6 | GGG | | |
| 2615-18072 | 2-20034/1235 | 00000/0000 | 09/28/76 | 70 | 8576 | 7742N | 08512W | 9.9 | 189.2 | G G | | |
| 2615-18142 | 00000/0000 | 2-20034/0110 | 09/28/76 | 20 | 8576 | 5550N | 11949W | 28.7 | 152.7 | GGGG | | |
| 2615-18145 | 00000/0000 | 2-20034/0111 | 09/28/76 | 50 | 8576 | 5426N | 12037W | 29.8 | 151.5 | GGGG | | |
| 2615-18151 | 00000/0000 | 2-20034/0112 | 09/28/76 | 70 | 8576 | 5301N | 12121W | 30.8 | 150.4 | GGGG | | |
| 2615-18154 | 00000/0000 | 2-20034/0113 | 09/28/76 | 60 | 8576 | 5137N | 12204W | 31.9 | 149.3 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN=US
FROM 10/01/76 TO 10/31/76

PAGE 0038

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUNBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN ELEV. | SUN AZIM. | IMAGE=QUAL RBV MSS DATA 123 45678 MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|------------------|---|--------------|--------------|--|----------------------|
| 2615-18160 | 00000/0000 | 2-20034/0114 | 09/28/76 | 50 | 8576 | 5012N 12244W | 32.9 | 148.2 | GGGG | |
| 2615-23500 | 00000/0000 | 2-20034/0024 | 09/28/76 | 50 | 8579 | 3302S 13659E | 39.4 | 61.9 | GGGG | |
| 2615-23502 | 00000/0000 | 2-20034/0025 | 09/28/76 | 30 | 8579 | 3427S 13633E | 38.5 | 61.2 | GGGG | |
| 2616-02560 | 00000/0000 | 2-20034/0166 | 09/29/76 | 0 | 8581 | 3725N 10313E | 41.3 | 138.0 | FGFG | |
| 2616-02563 | 00000/0000 | 2-20034/0167 | 09/29/76 | 10 | 8581 | 3659N 10246E | 42.2 | 136.7 | GGGG | |
| 2616-04372 | 00000/0000 | 2-20034/0168 | 09/29/76 | 90 | 8582 | 4432N 07956E | 36.7 | 143.9 | GGGF | |
| 2616-04390 | 00000/0000 | 2-20034/0169 | 09/29/76 | 10 | 8582 | 3850N 07753E | 40.4 | 139.2 | GGGG | |
| 2616-06221 | 00000/0000 | 2-20034/0153 | 09/29/76 | 70 | 8583 | 3850N 05205E | 40.4 | 139.2 | GGGG | |
| 2616-06224 | 00000/0000 | 2-20034/0154 | 09/29/76 | 80 | 8583 | 3725N 05137E | 41.3 | 138.0 | GGGG | |
| 2616-06230 | 00000/0000 | 2-20034/0134 | 09/29/76 | 30 | 8583 | 3559N 05110E | 42.1 | 136.8 | GGGG | |
| 2616-06233 | 00000/0000 | 2-20034/0135 | 09/29/76 | 0 | 8583 | 3433N 05043E | 43.0 | 135.5 | GGG | |
| 2616-06235 | 00000/0000 | 2-20034/0136 | 09/29/76 | 0 | 8583 | 3307N 05017E | 43.8 | 134.1 | GGGG | |
| 2616-06242 | 00000/0000 | 2-20034/0137 | 09/29/76 | 0 | 8583 | 3141N 04952E | 44.6 | 132.8 | GGGG | |
| 2616-06244 | 00000/0000 | 2-20034/0138 | 09/29/76 | 0 | 8583 | 3015N 04927E | 45.3 | 131.4 | GGGG | |
| 2616-07594 | 00000/0000 | 2-20034/0139 | 09/29/76 | 10 | 8584 | 5836N 03524E | 26.4 | 155.1 | GGGG | |
| 2616-08000 | 00000/0000 | 2-20034/0140 | 09/29/76 | 10 | 8584 | 5713N 03429E | 27.5 | 153.9 | GGGG | |
| 2616-08003 | 00000/0000 | 2-20034/0141 | 09/29/76 | 10 | 8584 | 5549N 03338E | 28.5 | 152.8 | FGGG | |
| 2616-08005 | 00000/0000 | 2-20034/0142 | 09/29/76 | 30 | 8584 | 5425N 03251E | 29.6 | 151.7 | GGGG | |
| 2616-08012 | 00000/0000 | 2-20034/0143 | 09/29/76 | 90 | 8584 | 5300N 03206E | 30.6 | 150.5 | GGGG | |
| 2616-08014 | 00000/0000 | 2-20034/0144 | 09/29/76 | 100 | 8584 | 5136N 03124E | 31.7 | 149.4 | GGGG | |
| 2616-08021 | 00000/0000 | 2-20034/0145 | 09/29/76 | 90 | 8584 | 5012N 03043E | 32.7 | 148.3 | GGGG | |
| 2616-08023 | 00000/0000 | 2-20034/0146 | 09/29/76 | 70 | 8584 | 4847N 03005E | 33.7 | 147.3 | GGGG | |
| 2616-08030 | 00000/0000 | 2-20034/0147 | 09/29/76 | 10 | 8584 | 4722N 02928E | 34.7 | 146.2 | FGGG | |
| 2616-08032 | 00000/0000 | 2-20034/0148 | 09/29/76 | 0 | 8584 | 4557N 02853E | 35.7 | 145.0 | GGGG | |
| 2616-14551 | 00000/0000 | 2-20034/0170 | 09/29/76 | 100 | 8588 | 5013N 07235W | 32.6 | 148.4 | FGGG | |
| 2616-14554 | 00000/0000 | 2-20034/0171 | 09/29/76 | 100 | 8588 | 4848N 07313W | 33.6 | 147.3 | GGGG | |
| 2616-16380 | 00000/0000 | 2-20034/0230 | 09/29/76 | 0 | 8589 | 5139N 09740W | 31.5 | 149.5 | GGGG | |
| 2616-16383 | 00000/0000 | 2-20034/0231 | 09/29/76 | 10 | 8589 | 5014N 09821W | 32.5 | 148.5 | GGGG | |
| 2616-16451 | 00000/0000 | 2-20034/0232 | 09/29/76 | 80 | 8589 | 2724N 10611W | 46.7 | 128.7 | GGGG | |
| 2616-16453 | 00000/0000 | 2-20034/0233 | 09/29/76 | 80 | 8589 | 2559N 10635W | 47.3 | 127.2 | GGGG | |
| 2616-16460 | 00000/0000 | 2-20034/0234 | 09/29/76 | 90 | 8589 | 2432N 10658W | 48.0 | 126.6 | GGGG | |
| 2616-16462 | 00000/0000 | 2-20034/0235 | 09/29/76 | 90 | 8589 | 2305N 10722W | 48.6 | 124.0 | GGGG | |
| 2616-16465 | 00000/0000 | 2-20034/0236 | 09/29/76 | 100 | 8589 | 2139N 10745W | 49.2 | 122.4 | GGGG | |
| 2616-16471 | 00000/0000 | 2-20034/0237 | 09/29/76 | 100 | 8589 | 2012N 10806W | 49.7 | 120.7 | GGGG | |
| 2616-18194 | 00000/0000 | 2-20034/0238 | 09/29/76 | 90 | 8590 | 5714N 12025W | 27.3 | 154.0 | GGGG | |
| 2616-18200 | 00000/0000 | 2-20034/0239 | 09/29/76 | 90 | 8590 | 5550N 12115W | 28.4 | 152.9 | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, '76

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0039

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN. ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUNBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LANG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|------------------------------|------------------|----------------|------------------|------------------------------|---------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2616-18203 | 00000/0000 | 2-20034/0240 | 09/29/76 | 100 | 8590 | 5426N | 12203W | 29.4 | 151.8 | GGGG | | |
| 2616-18205 | 00000/0000 | 2-20034/0241 | 09/29/76 | 90 | 8590 | 5302N | 12247W | 30.5 | 150.6 | GGGG | | |
| 2616-18212 | 00000/0000 | 2-20034/0242 | 09/29/76 | 80 | 8590 | 5138N | 12329W | 31.5 | 149.6 | GGGG | | |
| 2616-18214 | 00000/0000 | 2-20034/0243 | 09/29/76 | 70 | 8590 | 5013N | 12409W | 32.5 | 148.5 | GGGG | | |
| 2616-23554 | 00000/0000 | 2-20034/0149 | 09/29/76 | 30 | 8593 | 3256S | 13534E | 39.7 | 62.3 | GGGG | | |
| 2616-23560 | 00000/0000 | 2-20034/0150 | 09/29/76 | 30 | 8593 | 3421S | 13508E | 38.8 | 61.6 | GGGG | | |
| 2617-03012 | 00000/0000 | 2-20034/0151 | 09/30/76 | 10 | 8595 | 3852N | 10217E | 40.1 | 139.6 | GGGG | | |
| 2617-03015 | 00000/0000 | 2-20034/0152 | 09/30/76 | 0 | 8595 | 3726N | 10149E | 41.0 | 138.3 | GGGG | | |
| 2617-04441 | 00000/0000 | 2-20034/0155 | 09/30/76 | 20 | 8596 | 4016N | 07658E | 39.2 | 140.8 | GGGG | | |
| 2617-04444 | 00000/0000 | 2-20034/0156 | 09/30/76 | 10 | 8596 | 3851N | 07629E | 40.1 | 139.6 | GGGG | | |
| 2617-06275 | 00000/0000 | 2-20034/0157 | 09/30/76 | 10 | 8597 | 3850N | 05039E | 40.1 | 139.6 | GGGG | | |
| 2617-06282 | 00000/0000 | 2-20034/0158 | 09/30/76 | 10 | 8597 | 3725N | 05010E | 41.0 | 138.4 | GGGG | | |
| 2617-06300 | 00000/0000 | 2-20034/0159 | 09/30/76 | 0 | 8597 | 3141N | 04825E | 44.3 | 133.2 | GGGG | | |
| 2617-06302 | 00000/0000 | 2-20034/0160 | 09/30/76 | 0 | 8597 | 3015N | 04800E | 45.1 | 131.8 | GGGG | | |
| 2617-08063 | 00000/0000 | 2-20034/0174 | 09/30/76 | 10 | 8598 | 5425N | 03126E | 29.2 | 151.9 | GGGG | | |
| 2617-08070 | 00000/0000 | 2-20034/0175 | 09/30/76 | 10 | 8598 | 5301N | 03041E | 30.3 | 150.8 | GGGG | | |
| 2617-08072 | 00000/0000 | 2-20034/0176 | 09/30/76 | 70 | 8598 | 5136N | 02959E | 31.3 | 149.7 | GGGG | | |
| 2617-08075 | 00000/0000 | 2-20034/0177 | 09/30/76 | 100 | 8598 | 5011N | 02918E | 32.3 | 148.6 | GGGG | | |
| 2617-08081 | 00000/0000 | 2-20034/0178 | 09/30/76 | 90 | 8598 | 4846N | 02840E | 33.4 | 147.5 | GGGG | | |
| 2617-08084 | 00000/0000 | 2-20034/0179 | 09/30/76 | 60 | 8598 | 4722N | 02803E | 34.4 | 146.4 | GGGG | | |
| 2617-08090 | 00000/0000 | 2-20034/0180 | 09/30/76 | 80 | 8598 | 4557N | 02728E | 35.3 | 145.3 | GGGG | | |
| 2617-15003 | 00000/0000 | 2-20034/0172 | 09/30/76 | 90 | 8602 | 5138N | 07319W | 31.2 | 149.8 | GGGG | | |
| 2617-15005 | 00000/0000 | 2-20034/0173 | 09/30/76 | 70 | 8602 | 5013N | 07359W | 32.2 | 148.7 | GGGG | | |
| 2617-16432 | 00000/0000 | 2-20034/0222 | 09/30/76 | 90 | 8603 | 5303N | 09823W | 30.1 | 150.9 | GGGG | | |
| 2617-16434 | 00000/0000 | 2-20034/0223 | 09/30/76 | 30 | 8603 | 5138N | 09906W | 31.2 | 149.8 | GGGG | | |
| 2617-16441 | 00000/0000 | 2-20034/0224 | 09/30/76 | 20 | 8603 | 5014N | 09946W | 32.2 | 148.7 | GGGG | | |
| 2617-16505 | 00000/0000 | 2-20034/0225 | 09/30/76 | 90 | 8603 | 2725N | 10738W | 46.4 | 129.2 | GGGG | | |
| 2617-16511 | 00000/0000 | 2-20034/0226 | 09/30/76 | 90 | 8603 | 2559N | 10802W | 47.1 | 127.7 | GGGG | | |
| 2617-16514 | 00000/0000 | 2-20034/0227 | 09/30/76 | 100 | 8603 | 2432N | 10825W | 47.8 | 126.1 | GGGG | | |
| 2617-16520 | 00000/0000 | 2-20034/0228 | 09/30/76 | 100 | 8603 | 2306N | 10848W | 48.4 | 124.6 | GGGG | | |
| 2617-16523 | 00000/0000 | 2-20034/0229 | 09/30/76 | 100 | 8603 | 2140N | 10910W | 49.0 | 122.9 | GGGG | | |
| 2617-20043 | 00000/0000 | 2-20034/0161 | 09/30/76 | 90 | 8605 | 7044N | 13359W | 15.9 | 169.4 | GGGG | | |
| 2617-20045 | 00000/0000 | 2-20034/0162 | 09/30/76 | 90 | 8605 | 6927N | 13603W | 17.0 | 167.3 | GGGG | | |
| 2618-00010 | 00000/0000 | 2-20034/0181 | 10/01/76 | 100 | 8607 | 3124S | 13433E | 40.9 | 63.4 | GGGG | | |
| 2618-00012 | 00000/0000 | 2-20034/0182 | 10/01/76 | 90 | 8607 | 3259S | 13408E | 40.0 | 62.6 | GGGG | | |
| 2618-03070 | 00000/0000 | 2-20034/0183 | 10/01/76 | 70 | 8609 | 3849N | 10050E | 39.8 | 139.9 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
OF POOR QUALITY

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NAN-US
FROM 10/01/76 TO 10/31/76

PAGE 0040

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | SARBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|------------------|------------------------------------|--------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2618-04495 | 00000/0000 | 2-20034/0205 | 10/01/76 | 10 | 8610 | 4017N | 07532E | 38.9 | 141.1 | GGGG | | |
| 2618-06331 | 00000/0000 | 2-20034/0206 | 10/01/76 | 10 | 8611 | 4015N | 04943E | 38.9 | 141.1 | GFGF | | |
| 2618-06334 | 00000/0000 | 2-20034/0207 | 10/01/76 | 10 | 8611 | 3850N | 04914E | 39.8 | 139.9 | FFGF | | |
| 2618-06340 | 00000/0000 | 2-20034/0208 | 10/01/76 | 20 | 8611 | 3725N | 04845E | 40.7 | 138.7 | GGGG | | |
| 2618-06343 | 00000/0000 | 2-20034/0209 | 10/01/76 | 20 | 8611 | 3559N | 04817E | 41.5 | 137.5 | GGGG | | |
| 2618-06345 | 00000/0000 | 2-20034/0210 | 10/01/76 | 30 | 8611 | 3434N | 04749E | 42.4 | 136.3 | GGGG | | |
| 2618-06352 | 00000/0000 | 2-20034/0211 | 10/01/76 | 50 | 8611 | 3308N | 04723E | 43.2 | 135.0 | GGGG | | |
| 2618-06354 | 00000/0000 | 2-20034/0212 | 10/01/76 | 40 | 8611 | 3142N | 04658E | 44.0 | 133.6 | GGGG | | |
| 2618-08122 | 00000/0000 | 2-20034/0213 | 10/01/76 | 10 | 8612 | 5425N | 03002E | 28.9 | 152.1 | GGGG | | |
| 2618-08124 | 00000/0000 | 2-20034/0214 | 10/01/76 | 0 | 8612 | 5302N | 02916E | 29.9 | 151.0 | GGGG | | |
| 2618-08131 | 00000/0000 | 2-20034/0215 | 10/01/76 | 10 | 8612 | 5138N | 02834E | 31.0 | 149.9 | GGGG | | |
| 2618-08140 | 00000/0000 | 2-20034/0216 | 10/01/76 | 80 | 8612 | 4848N | 02714E | 33.0 | 147.8 | GGGG | | |
| 2618-08142 | 00000/0000 | 2-20034/0217 | 10/01/76 | 100 | 8612 | 4723N | 02637E | 34.0 | 146.7 | GGGG | | |
| 2618-15064 | 00000/0000 | 2-20034/0245 | 10/01/76 | 80 | 8616 | 5011N | 07527W | 31.9 | 148.9 | FGGG | | |
| 2618-16493 | 00000/0000 | 2-20034/0327 | 10/01/76 | 80 | 8617 | 5136N | 10033W | 30.9 | 150.0 | GGGG | | |
| 2618-16495 | 00000/0000 | 2-20034/0328 | 10/01/76 | 60 | 8617 | 5011N | 10113W | 31.9 | 148.9 | FGGG | | |
| 2618-20101 | 00000/0000 | 2-20034/0382 | 10/01/76 | 80 | 8619 | 7044N | 13527W | 15.5 | 169.5 | GGGG | | |
| 2619-03122 | 00000/0000 | 2-20034/0218 | 10/02/76 | 20 | 8623 | 4015N | 09953E | 38.6 | 141.4 | GGGG | | |
| 2619-03125 | 00000/0000 | 2-20034/0219 | 10/02/76 | 10 | 8623 | 3850N | 09924E | 39.5 | 140.2 | GGGG | | |
| 2619-05004 | 00000/0000 | 2-20034/0220 | 10/02/76 | 40 | 8624 | 2302N | 06900E | 48.1 | 125.3 | GGGG | | |
| 2619-06342 | 00000/0000 | 2-20034/0184 | 10/02/76 | 100 | 8625 | 5546N | 05509E | 27.5 | 153.3 | GF | | |
| 2619-06383 | 00000/0000 | 2-20034/0185 | 10/02/76 | 90 | 8625 | 4139N | 04845E | 37.6 | 142.5 | FGGG | | |
| 2619-06385 | 00000/0000 | 2-20034/0186 | 10/02/76 | 90 | 8625 | 4014N | 04815E | 38.6 | 141.4 | GF | | |
| 2619-06392 | 00000/0000 | 2-20034/0187 | 10/02/76 | 40 | 8625 | 3848N | 04746E | 39.5 | 140.2 | GF | | |
| 2619-06394 | 00000/0000 | 2-20034/0188 | 10/02/76 | 10 | 8625 | 3722N | 04717E | 40.4 | 139.0 | GGGG | | |
| 2619-06401 | 00000/0000 | 2-20034/0189 | 10/02/76 | 0 | 8625 | 3556N | 04650E | 41.3 | 137.8 | GGGG | | |
| 2619-06403 | 00000/0000 | 2-20034/0190 | 10/02/76 | 0 | 8625 | 3430N | 04623E | 42.1 | 136.6 | GGGG | | |
| 2619-06410 | 00000/0000 | 2-20034/0191 | 10/02/76 | 0 | 8625 | 3305N | 04557E | 43.0 | 135.3 | GF | | |
| 2619-08173 | 00000/0000 | 2-20034/0192 | 10/02/76 | 60 | 8626 | 5547N | 02922E | 27.5 | 153.3 | GGGG | | |
| 2619-08180 | 00000/0000 | 2-20034/0193 | 10/02/76 | 20 | 8626 | 5423N | 02834E | 28.6 | 152.2 | GGGG | | |
| 2619-08182 | 00000/0000 | 2-20034/0194 | 10/02/76 | 30 | 8626 | 5259N | 02749E | 29.6 | 151.2 | GGGG | | |
| 2619-08185 | 00000/0000 | 2-20034/0195 | 10/02/76 | 90 | 8626 | 5134N | 02706E | 30.7 | 150.1 | GF | | |
| 2619-08191 | 00000/0000 | 2-20034/0196 | 10/02/76 | 100 | 8626 | 5010N | 02625E | 31.7 | 149.0 | GGGG | | |
| 2619-08194 | 00000/0000 | 2-20034/0197 | 10/02/76 | 100 | 8626 | 4845N | 02546E | 32.7 | 148.0 | GF | | |
| 2619-12114 | 00000/0000 | 2-20034/0198 | 10/02/76 | 50 | 8628 | 3839S | 04950W | 36.8 | 60.3 | GGGF | | |
| 2619-15122 | 00000/0000 | 2-20034/0244 | 10/02/76 | 10 | 8630 | 5011N | 07651W | 31.6 | 149.1 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0041

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUN ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN ELEV. | SUN AZIM. | IMAGE QUAL RBV | MSS MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|------------------------|------------------------------------|-------------------------------------|--------------|--------------|-------------------|-------------------------|---------------------|----------------------|
| 2619-16551 | 00000/0000 | 2-20034/0331 | 10/02/76 | 20 | 8631 | 5136N | 10159W | 30.5 | 150.2 | | GGG | | |
| 2619-16553 | 00000/0000 | 2-20034/0332 | 10/02/76 | 80 | 8631 | 5011N | 10239W | 31.5 | 149.1 | | GGGP | | |
| 2619-20155 | 00000/0000 | 2-20034/0221 | 10/02/76 | 90 | 8633 | 7042N | 13653W | 15.1 | 169.5 | | GGGF | | |
| 2620-00122 | 00000/0000 | 2-20034/0199 | 10/03/76 | 50 | 8635 | 3132S | 13141E | 41.5 | 64.1 | | FGGG | | |
| 2620-01372 | 00000/0000 | 2-20034/0200 | 10/03/76 | 40 | 8636 | 3140N | 12135E | 43.6 | 134.3 | | GGGG | | |
| 2620-01374 | 00000/0000 | 2-20034/0201 | 10/03/76 | 10 | 8636 | 3015N | 12111E | 44.4 | 133.0 | | GGGG | | |
| 2620-03180 | 00000/0000 | 2-20034/0202 | 10/03/76 | 10 | 8637 | 4015N | 09827E | 38.3 | 141.7 | | GGGG | | |
| 2620-03183 | 00000/0000 | 2-20034/0203 | 10/03/76 | 30 | 8637 | 3850N | 09758E | 39.2 | 140.5 | | GGGG | | |
| 2620-03215 | 00000/0000 | 2-20034/0204 | 10/03/76 | 60 | 8637 | 2723N | 09432E | 45.9 | 130.2 | | GGGG | | |
| 2620-06400 | 00000/0000 | 2-20034/0414 | 10/03/76 | 90 | 8639 | 5547N | 05343E | 27.1 | 153.5 | | G | | |
| 2620-06405 | 00000/0000 | 2-20034/0246 | 10/03/76 | 80 | 8639 | 5300N | 05210E | 29.3 | 151.4 | | GGFG | | |
| 2620-06412 | 00000/0000 | 2-20034/0247 | 10/03/76 | 90 | 8639 | 5135N | 05128E | 30.3 | 150.3 | | GGFG | | |
| 2620-06430 | 00000/0000 | 2-20034/0248 | 10/03/76 | 100 | 8639 | 4556N | 04857E | 34.4 | 146.1 | | FGGG | | |
| 2620-06432 | 00000/0000 | 2-20034/0249 | 10/03/76 | 100 | 8639 | 4431N | 04824E | 35.4 | 145.0 | | GGGG | | |
| 2620-06435 | 00000/0000 | 2-20034/0250 | 10/03/76 | 90 | 8639 | 4305N | 04751E | 36.4 | 143.9 | | GGGG | | |
| 2620-06441 | 00000/0000 | 2-20034/0251 | 10/03/76 | 90 | 8639 | 4140N | 04720E | 37.3 | 142.8 | | GGGG | | |
| 2620-06444 | 00000/0000 | 2-20034/0252 | 10/03/76 | 50 | 8639 | 4015N | 04650E | 38.3 | 141.7 | | GGGG | | |
| 2620-06450 | 00000/0000 | 2-20034/0253 | 10/03/76 | 10 | 8639 | 3849N | 04621E | 39.2 | 140.6 | | GGGG | | |
| 2620-06453 | 00000/0000 | 2-20034/0254 | 10/03/76 | 0 | 8639 | 3723N | 04553E | 40.1 | 139.4 | | GGGG | | |
| 2620-06455 | 00000/0000 | 2-20034/0255 | 10/03/76 | 0 | 8639 | 3558N | 04525E | 41.0 | 138.2 | | GGGG | | |
| 2620-06462 | 00000/0000 | 2-20034/0256 | 10/03/76 | 0 | 8639 | 3432N | 04458E | 41.9 | 137.0 | | GGGG | | |
| 2620-06464 | 00000/0000 | 2-20034/0257 | 10/03/76 | 0 | 8639 | 3306N | 04432E | 42.7 | 135.7 | | GGGG | | |
| 2620-06471 | 00000/0000 | 2-20034/0258 | 10/03/76 | 0 | 8639 | 3140N | 04407E | 43.5 | 134.4 | | FGGG | | |
| 2620-08241 | 00000/0000 | 2-20034/0259 | 10/03/76 | 10 | 8640 | 5259N | 02622E | 29.3 | 151.4 | | GGGG | | |
| 2620-08243 | 00000/0000 | 2-20034/0260 | 10/03/76 | 80 | 8640 | 5135N | 02539E | 30.3 | 150.3 | | GGGG | | |
| 2620-08250 | 00000/0000 | 2-20034/0261 | 10/03/76 | 90 | 8640 | 5010N | 02459E | 31.3 | 149.3 | | GGGG | | |
| 2620-08252 | 00000/0000 | 2-20034/0262 | 10/03/76 | 90 | 8640 | 4845N | 02421E | 32.4 | 148.2 | | GGGG | | |
| 2620-08255 | 00000/0000 | 2-20034/0263 | 10/03/76 | 30 | 8640 | 4720N | 02344E | 33.4 | 147.2 | | GGGG | | |
| 2620-12172 | 00000/0000 | 2-20034/0264 | 10/03/76 | 40 | 8642 | 3841S | 05115W | 37.1 | 60.6 | | GGGG | | |
| 2620-17003 | 00000/0000 | 2-20034/0333 | 10/03/76 | 80 | 8645 | 5257N | 10244W | 29.2 | 151.4 | | GGGG | | |
| 2620-17005 | 00000/0000 | 2-20034/0334 | 10/03/76 | 90 | 8645 | 5133N | 10326W | 30.2 | 150.4 | | GGGG | | |
| 2620-20213 | 00000/0000 | 2-20034/0390 | 10/03/76 | 70 | 8647 | 7042N | 13823W | 14.8 | 169.6 | | GGG | | |
| 2620-22042 | 00000/0000 | 2-20034/0391 | 10/03/76 | 100 | 8648 | 7157N | 16153W | 13.6 | 171.9 | | GGGG | | |
| 2621-01412 | 00000/0000 | 2-20034/0415 | 10/04/76 | 10 | 8650 | 3721N | 12151E | 39.9 | 139.6 | | GGFF | | |
| 2621-01415 | 00000/0000 | 2-20034/0307 | 10/04/76 | 10 | 8650 | 3556N | 12124E | 40.8 | 138.5 | | FFGG | | |
| 2621-01421 | 00000/0000 | 2-20034/0308 | 10/04/76 | 20 | 8650 | 3430N | 12057E | 41.6 | 137.2 | | FFFF | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0042

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | SUN BRIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|-----------------------|------------------------------------|-------------------------------------|--------------|--------------|-----------------------|---------------------|----------------------|
| | | | | | | | | | | 123 45678 | | |
| 2621-01430 | 00000/0000 | 2-20034/0309 | 10/04/76 | 20 | 8650 | 3138N | 12007E | 43.3 | 134.7 | GGGG | | |
| 2621-01433 | 00000/0000 | 2-20034/0310 | 10/04/76 | 30 | 8650 | 3012N | 11942E | 44.1 | 133.4 | GGGG | | |
| 2621-01435 | 00000/0000 | 2-20034/0311 | 10/04/76 | 20 | 8650 | 2846N | 11918E | 44.9 | 132.0 | GGFG | | |
| 2621-01442 | 00000/0000 | 2-20034/0312 | 10/04/76 | 10 | 8650 | 2720N | 11854E | 45.7 | 130.6 | GGGG | | |
| 2621-01444 | 00000/0000 | 2-20034/0313 | 10/04/76 | 40 | 8650 | 2554N | 11832E | 46.4 | 129.2 | GGGG | | |
| 2621-03235 | 00000/0000 | 2-20034/0314 | 10/04/76 | 10 | 8651 | 4012N | 09701E | 38.0 | 142.0 | GGGG | | |
| 2621-06454 | 00000/0000 | 2-20034/0315 | 10/04/76 | 80 | 8653 | 5544N | 05215E | 26.8 | 153.7 | GGGG | | |
| 2621-06461 | 00000/0000 | 2-20034/0316 | 10/04/76 | 90 | 8653 | 5421N | 05128E | 27.9 | 152.6 | GGGF | | |
| 2621-06463 | 00000/0000 | 2-20034/0317 | 10/04/76 | 90 | 8653 | 5257N | 05043E | 29.0 | 151.5 | GGGG | | |
| 2621-06470 | 00000/0000 | 2-20034/0318 | 10/04/76 | 50 | 8653 | 5132N | 05000E | 30.0 | 150.5 | GGGG | | |
| 2621-06484 | 00000/0000 | 2-20034/0319 | 10/04/76 | 10 | 8653 | 4553N | 04729E | 34.1 | 146.3 | GGGF | | |
| 2621-06490 | 00000/0000 | 2-20034/0320 | 10/04/76 | 10 | 8653 | 4428N | 04656E | 35.1 | 145.3 | FFGF | | |
| 2621-06493 | 00000/0000 | 2-20034/0321 | 10/04/76 | 20 | 8653 | 4302N | 04623E | 36.1 | 144.2 | GGGG | | |
| 2621-06495 | 00000/0000 | 2-20034/0322 | 10/04/76 | 40 | 8653 | 4126N | 04553E | 37.0 | 143.1 | GGGG | | |
| 2621-08292 | 00000/0000 | 2-20034/0323 | 10/04/76 | 100 | 8654 | 5423N | 02539E | 27.8 | 152.6 | GGGG | | |
| 2621-08295 | 00000/0000 | 2-20034/0324 | 10/04/76 | 90 | 8654 | 5259N | 02455E | 28.9 | 151.6 | GGGG | | |
| 2621-08301 | 00000/0000 | 2-20034/0325 | 10/04/76 | 70 | 8654 | 5135N | 02412E | 29.9 | 150.5 | GGGG | | |
| 2621-08304 | 00000/0000 | 2-20034/0326 | 10/04/76 | 90 | 8654 | 5011N | 02332E | 31.0 | 149.5 | GGGG | | |
| 2621-13530 | 2-20034/1236 | 00000/0000 | 10/04/76 | 20 | 8657 | 0705N | 06649W | 52.6 | 107.1 | GGG | | |
| 2621-13532 | 2-20034/1237 | 00000/0000 | 10/04/76 | 20 | 8657 | 0637N | 06709W | 52.7 | 105.1 | GGG | | |
| 2621-15232 | 00000/0000 | 2-20034/0329 | 10/04/76 | 30 | 8658 | 5133N | 07904W | 29.9 | 150.6 | GGGF | | |
| 2621-15234 | 00000/0000 | 2-20034/0330 | 10/04/76 | 20 | 8658 | 5009N | 07943W | 30.9 | 149.5 | GGGG | | |
| 2621-17054 | 00000/0000 | 2-20034/0335 | 10/04/76 | 100 | 8659 | 5422N | 10326W | 27.7 | 152.7 | GGGG | | |
| 2621-17063 | 00000/0000 | 2-20034/0336 | 10/04/76 | 90 | 8659 | 5133N | 10453W | 29.8 | 150.6 | GGGG | | |
| 2621-20265 | 00000/0000 | 2-20034/0356 | 10/04/76 | 90 | 8661 | 7156N | 13738W | 13.3 | 171.9 | GGGG | | |
| 2621-22103 | 00000/0000 | 2-20034/0357 | 10/04/76 | 90 | 8662 | 7042N | 16536W | 14.4 | 169.7 | GGGG | | |
| 2622-01470 | 00000/0000 | 2-20034/0416 | 10/05/76 | 90 | 8664 | 3721N | 12026E | 39.6 | 140.0 | GGGG | | |
| 2622-01473 | 00000/0000 | 2-20034/0417 | 10/05/76 | 90 | 8664 | 3556N | 11959E | 40.5 | 138.8 | FFGG | | |
| 2622-01475 | 00000/0000 | 2-20034/0418 | 10/05/76 | 90 | 8664 | 3430N | 11932E | 41.4 | 137.6 | FFFG | | |
| 2622-01482 | 00000/0000 | 2-20034/0419 | 10/05/76 | 80 | 8664 | 3304N | 11906E | 42.2 | 136.4 | GGGG | | |
| 2622-01484 | 00000/0000 | 2-20034/0420 | 10/05/76 | 60 | 8664 | 3139N | 11841E | 43.1 | 135.1 | GGGG | | |
| 2622-01491 | 00000/0000 | 2-20034/0421 | 10/05/76 | 20 | 8664 | 3013N | 11816E | 43.9 | 133.8 | GGGG | | |
| 2622-01493 | 00000/0000 | 2-20034/0422 | 10/05/76 | 30 | 8664 | 2847N | 11752E | 44.7 | 132.5 | FFGG | | |
| 2622-03293 | 00000/0000 | 2-20034/0423 | 10/05/76 | 0 | 8665 | 4013N | 09535E | 37.7 | 142.3 | FFGP | | |
| 2622-06504 | 00000/0000 | 2-20034/0524 | 10/05/76 | 90 | 8667 | 5832N | 05234E | 24.3 | 156.1 | G | | |
| 2622-06510 | 00000/0000 | 2-20034/0525 | 10/05/76 | 100 | 8667 | 5709N | 05140E | 25.4 | 154.9 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NAN-US
FROM 10/01/76 TO 10/31/76

PAGE 0043

| OBSERVATION ID | MICROFILM RPLI NO./ POSITION IN RPLI RBV | MSS | DATE ACQUIRED | CLOUD COVER | SUN ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV | MSS MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|------------------------|------------------------------------|-------------------------------------|--------------|--------------|-------------------|-------------------------|---------------------|----------------------|
| 2622-06513 | 00000/0000 | 2-20034/0526 | 10/05/76 | 90 | 8667 | 5545N | 05049E | 26.5 | 153.8 | | | | GGGG |
| 2622-06515 | 00000/0000 | 2-20034/0527 | 10/05/76 | 80 | 8667 | 5421N | 05001E | 27.5 | 152.8 | | | | GGGG |
| 2622-06522 | 00000/0000 | 2-20034/0528 | 10/05/76 | 50 | 8667 | 5257N | 04916E | 28.6 | 151.7 | | | | GGGG |
| 2622-06524 | 00000/0000 | 2-20034/0361 | 10/05/76 | 30 | 8667 | 5133N | 04833E | 29.7 | 150.7 | | | | GGGG |
| 2622-06531 | 00000/0000 | 2-20034/0362 | 10/05/76 | 30 | 8667 | 5008N | 04753E | 30.7 | 149.7 | | | | GGGG |
| 2622-06533 | 00000/0000 | 2-20034/0363 | 10/05/76 | 80 | 8667 | 4844N | 04714E | 31.7 | 148.6 | | | | GGGG |
| 2622-06540 | 00000/0000 | 2-20034/0364 | 10/05/76 | 90 | 8667 | 4719N | 04638E | 32.8 | 147.6 | | | | GGGG |
| 2622-06542 | 00000/0000 | 2-20034/0365 | 10/05/76 | 40 | 8667 | 4554N | 04603E | 33.8 | 146.6 | | | | GGGG |
| 2622-06545 | 00000/0000 | 2-20034/0366 | 10/05/76 | 30 | 8667 | 4428N | 04529E | 34.8 | 145.5 | | | | GGFF |
| 2622-06551 | 00000/0000 | 2-20034/0367 | 10/05/76 | 20 | 8667 | 4303N | 04457E | 35.7 | 144.5 | | | | GGGG |
| 2622-06554 | 00000/0000 | 2-20034/0368 | 10/05/76 | 40 | 8667 | 4138N | 04426E | 36.7 | 143.4 | | | | GGGG |
| 2622-06560 | 00000/0000 | 2-20034/0369 | 10/05/76 | 10 | 8667 | 4012N | 04356E | 37.7 | 142.3 | | | | GGGG |
| 2622-08333 | 00000/0000 | 2-20034/0370 | 10/05/76 | 70 | 8668 | 5954N | 02745E | 23.2 | 157.2 | | | | GGGG |
| 2622-08335 | 00000/0000 | 2-20034/0371 | 10/05/76 | 90 | 8668 | 5831N | 02647E | 24.3 | 156.1 | | | | GGGG |
| 2622-08342 | 00000/0000 | 2-20034/0372 | 10/05/76 | 100 | 8668 | 5708N | 02553E | 25.4 | 154.9 | | | | GGGG |
| 2622-08344 | 00000/0000 | 2-20034/0373 | 10/05/76 | 100 | 8668 | 5544N | 02503E | 26.4 | 153.9 | | | | GGGG |
| 2622-08351 | 00000/0000 | 2-20034/0374 | 10/05/76 | 90 | 8668 | 5420N | 02415E | 27.5 | 152.8 | | | | FFFF |
| 2622-08353 | 00000/0000 | 2-20034/0375 | 10/05/76 | 90 | 8668 | 5256N | 02330E | 28.6 | 151.7 | | | | GGGG |
| 2622-12232 | 00000/0000 | 2-20034/0376 | 10/05/76 | 90 | 8670 | 2007S | 04850W | 48.2 | 74.1 | | | | GGFF |
| 2622-12234 | 00000/0000 | 2-20034/0377 | 10/05/76 | 100 | 8670 | 2133S | 04912W | 47.6 | 72.8 | | | | PPPP |
| 2622-12241 | 00000/0000 | 2-20034/0378 | 10/05/76 | 100 | 8670 | 2258S | 04934W | 46.9 | 71.5 | | | | GGGG |
| 2622-12243 | 00000/0000 | 2-20034/0379 | 10/05/76 | 90 | 8670 | 2424S | 04956W | 46.2 | 70.2 | | | | PP |
| 2622-12250 | 00000/0000 | 2-20034/0380 | 10/05/76 | 90 | 8670 | 2550S | 05019W | 45.5 | 69.1 | | | | GGGG |
| 2622-12255 | 00000/0000 | 2-20034/0381 | 10/05/76 | 70 | 8670 | 2842S | 05106W | 43.9 | 66.9 | | | | GGGG |
| 2622-13573 | 2-20034/1238 | 00000/0000 | 10/05/76 | 30 | 8671 | 1126N | 06713W | 51.6 | 113.4 | | | | GGG |
| 2622-13575 | 2-20034/1239 | 00000/0000 | 10/05/76 | 30 | 8671 | 1000N | 06734W | 52.0 | 111.5 | | | | GG |
| 2622-13582 | 2-20034/1240 | 00000/0000 | 10/05/76 | 30 | 8671 | 0834N | 06755W | 52.3 | 109.6 | | | | GGG |
| 2622-13584 | 2-20034/1241 | 00000/0000 | 10/05/76 | 20 | 8671 | 0707N | 06815W | 52.5 | 107.7 | | | | GGG |
| 2622-13591 | 2-20034/1242 | 00000/0000 | 10/05/76 | 10 | 8671 | 0540N | 06835W | 52.7 | 105.8 | | | | GG |
| 2622-15292 | 00000/0000 | 2-20034/0389 | 10/05/76 | 90 | 8672 | 5010N | 08111W | 30.6 | 149.8 | | | | FGGG |
| 2622-17104 | 00000/0000 | 2-20034/0383 | 10/05/76 | 70 | 8673 | 5711N | 10313W | 25.2 | 155.0 | | | | GGGG |
| 2622-17110 | 00000/0000 | 2-20034/0384 | 10/05/76 | 90 | 8673 | 5547N | 10404W | 26.3 | 153.9 | | | | GGGG |
| 2622-17113 | 00000/0000 | 2-20034/0385 | 10/05/76 | 90 | 8673 | 5423N | 10451W | 27.4 | 152.9 | | | | GGGG |
| 2622-17115 | 00000/0000 | 2-20034/0386 | 10/05/76 | 70 | 8673 | 5259N | 10536W | 28.4 | 151.8 | | | | GGGG |
| 2622-17122 | 00000/0000 | 2-20034/0387 | 10/05/76 | 40 | 8673 | 5134N | 10619W | 29.5 | 150.8 | | | | GGGG |
| 2622-17183 | 00000/0000 | 2-20034/0388 | 10/05/76 | 0 | 8673 | 3013N | 11403W | 43.7 | 134.1 | | | | GGGG |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
OF POOR QUALITY

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN=US
FROM 10/01/76 TO 10/31/76

PAGE 0044

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE | | SUN ELEV. | SUN AZIM. | IMAGE=QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|-----------------------------|--------|--------------|--------------|-----------------------|---------------------|----------------------|
| | | | | | | LAT | LONG | | | | | |
| 2622-22161 | 00000/0000 | 2-20034/0358 | 10/05/76 | 80 | 8676 | 7039N | 16707W | 14.0 | 169.7 | GGGG | | |
| 2622-22164 | 00000/0000 | 2-20034/0359 | 10/05/76 | 90 | 8676 | 6922N | 16909W | 15.1 | 167.7 | GGGG | | |
| 2622-22170 | 00000/0000 | 2-20034/0360 | 10/05/76 | 90 | 8676 | 6803N | 17059W | 16.3 | 165.8 | GGGF | | |
| 2623-01522 | 00000/0000 | 2-20034/0529 | 10/06/76 | 70 | 8678 | 3845N | 11927E | 38.4 | 141.4 | GGGG | | |
| 2623-01525 | 00000/0000 | 2-20034/0530 | 10/06/76 | 90 | 8678 | 3719N | 11859E | 39.3 | 140.3 | GGGG | | |
| 2623-01531 | 00000/0000 | 2-20034/0531 | 10/06/76 | 90 | 8678 | 3553N | 11832E | 40.2 | 139.1 | GGGG | | |
| 2623-01534 | 00000/0000 | 2-20034/0532 | 10/06/76 | 70 | 8678 | 3427N | 11806E | 41.1 | 137.9 | GGGG | | |
| 2623-01540 | 00000/0000 | 2-20034/0533 | 10/06/76 | 80 | 8678 | 3301N | 11740E | 42.0 | 136.7 | GGGG | | |
| 2623-01543 | 00000/0000 | 2-20034/0534 | 10/06/76 | 60 | 8678 | 3135N | 11715E | 42.8 | 135.5 | GGGG | | |
| 2623-01545 | 00000/0000 | 2-20034/0535 | 10/06/76 | 50 | 8678 | 3010N | 11650E | 43.6 | 134.2 | GGGG | | |
| 2623-01552 | 00000/0000 | 2-20034/0536 | 10/06/76 | 0 | 8678 | 2844N | 11626E | 44.4 | 132.8 | GGGG | | |
| 2623-01554 | 00000/0000 | 2-20034/0537 | 10/06/76 | 10 | 8678 | 2718N | 11602E | 45.2 | 131.5 | GGGG | | |
| 2623-01561 | 00000/0000 | 2-20034/0538 | 10/06/76 | 10 | 8678 | 2552N | 11539E | 46.0 | 130.1 | PPPP | | |
| 2623-05224 | 00000/0000 | 2-20034/0392 | 10/06/76 | 10 | 8680 | 2555N | 06400E | 45.9 | 130.2 | FGGG | | |
| 2623-06564 | 00000/0000 | 2-20034/0393 | 10/06/76 | 90 | 8681 | 5710N | 05016E | 25.0 | 155.1 | GGGG | | |
| 2623-06571 | 00000/0000 | 2-20034/0394 | 10/06/76 | 90 | 8681 | 5546N | 04925E | 26.1 | 154.0 | GGGG | | |
| 2623-06573 | 00000/0000 | 2-20034/0395 | 10/06/76 | 90 | 8681 | 5422N | 04837E | 27.2 | 153.0 | FGGG | | |
| 2623-06580 | 00000/0000 | 2-20034/0396 | 10/06/76 | 90 | 8681 | 5258N | 04752E | 28.2 | 151.9 | GGFG | | |
| 2623-06582 | 00000/0000 | 2-20034/0397 | 10/06/76 | 90 | 8681 | 5134N | 04709E | 29.3 | 150.9 | FGGF | | |
| 2623-06585 | 00000/0000 | 2-20034/0398 | 10/06/76 | 90 | 8681 | 5009N | 04629E | 30.3 | 149.9 | FGGF | | |
| 2623-06591 | 00000/0000 | 2-20034/0340 | 10/06/76 | 80 | 8681 | 4845N | 04550E | 31.4 | 148.9 | GGGF | | |
| 2623-06594 | 00000/0000 | 2-20034/0341 | 10/06/76 | 70 | 8681 | 4720N | 04514E | 32.4 | 147.9 | GGFG | | |
| 2623-07000 | 00000/0000 | 2-20034/0342 | 10/06/76 | 70 | 8681 | 4555N | 04439E | 33.4 | 146.8 | GGFG | | |
| 2623-07003 | 00000/0000 | 2-20034/0343 | 10/06/76 | 90 | 8681 | 4429N | 04405E | 34.4 | 145.8 | FGGG | | |
| 2623-07005 | 00000/0000 | 2-20034/0344 | 10/06/76 | 30 | 8681 | 4304N | 04333E | 35.4 | 144.8 | FGFG | | |
| 2623-08402 | 00000/0000 | 2-20034/0345 | 10/06/76 | 70 | 8682 | 5545N | 02334E | 26.1 | 154.0 | FGFG | | |
| 2623-08405 | 00000/0000 | 2-20034/0346 | 10/06/76 | 60 | 8682 | 5421N | 02246E | 27.2 | 153.0 | GGGG | | |
| 2623-12290 | 00000/0000 | 2-20034/0347 | 10/06/76 | 60 | 8684 | 2009S | 05015W | 48.4 | 74.6 | GGGG | | |
| 2623-12293 | 00000/0000 | 2-20034/0348 | 10/06/76 | 40 | 8684 | 2135S | 05037W | 47.8 | 73.2 | GGGG | | |
| 2623-12295 | 00000/0000 | 2-20034/0349 | 10/06/76 | 10 | 8684 | 2301S | 05059W | 47.1 | 71.9 | FFFF | | |
| 2623-12302 | 00000/0000 | 2-20034/0350 | 10/06/76 | 10 | 8684 | 2428S | 05121W | 46.4 | 70.6 | FFFF | | |
| 2623-12311 | 00000/0000 | 2-20034/0351 | 10/06/76 | 10 | 8684 | 2719S | 05208W | 45.0 | 68.3 | FFFF | | |
| 2623-12313 | 00000/0000 | 2-20034/0352 | 10/06/76 | 10 | 8684 | 2845S | 05232W | 44.2 | 67.2 | FFFF | | |
| 2623-12320 | 00000/0000 | 2-20034/0353 | 10/06/76 | 20 | 8684 | 3011S | 05256W | 43.4 | 66.2 | FGGG | | |
| 2623-13501 | 00000/0000 | 2-20034/0429 | 10/06/76 | 100 | 8685 | 5544N | 05353W | 26.0 | 154.1 | GGG | | |
| 2623-14031 | 2-20034/1243 | 00000/0000 | 10/06/76 | 20 | 8685 | 1127N | 06839W | 51.5 | 114.0 | GGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 10/01/76 TO 10/31/76

PAGE 0045

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUNBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN FLEV. | SUN AZIM. | IMAGE=QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|------------------|---|--------------|--------------|-----------------------|---------------------|----------------------|
| 2623-14033 | 2-20034/1244 | 00000/0000 | 10/06/76 | 20 | 8685 | 1000N | 06900W | 51.9 | 112.1 | GGG | |
| 2623-14040 | 2-20034/1245 | 00000/0000 | 10/06/76 | 10 | 8685 | 0835N | 06921W | 52.2 | 110.3 | GGG | |
| 2623-14042 | 2-20034/1246 | 00000/0000 | 10/06/76 | 10 | 8685 | 0708N | 06941W | 52.4 | 108.4 | GGG | |
| 2623-14045 | 2-20034/1247 | 00000/0000 | 10/06/76 | 20 | 8685 | 0541N | 07001W | 52.7 | 106.5 | GGG | |
| 2623-17121 | 00000/0000 | 2-20034/0450 | 10/06/76 | 40 | 8687 | 7038N | 09108W | 13.7 | 169.7 | | GGGG |
| 2623-17123 | 00000/0000 | 2-20034/0451 | 10/06/76 | 60 | 8687 | 6921N | 09310W | 14.9 | 167.7 | | GGGG |
| 2623-17130 | 00000/0000 | 2-20034/0452 | 10/06/76 | 70 | 8687 | 6801N | 09500W | 16.0 | 165.9 | | GGGG |
| 2623-17132 | 00000/0000 | 2-20034/0453 | 10/06/76 | 100 | 8687 | 6642N | 09638W | 17.1 | 164.2 | | GGGG |
| 2623-17135 | 00000/0000 | 2-20034/0454 | 10/06/76 | 100 | 8687 | 6521N | 09806W | 18.3 | 162.6 | | GGGG |
| 2623-17141 | 00000/0000 | 2-20034/0455 | 10/06/76 | 70 | 8687 | 6400N | 09927W | 19.4 | 161.2 | | GGGG |
| 2623-17144 | 00000/0000 | 2-20034/0456 | 10/06/76 | 40 | 8687 | 6238N | 10040W | 20.5 | 159.9 | | GGGG |
| 2623-17150 | 00000/0000 | 2-20034/0457 | 10/06/76 | 10 | 8687 | 6116N | 10148W | 21.6 | 158.6 | | GGGG |
| 2623-17153 | 00000/0000 | 2-20034/0458 | 10/06/76 | 20 | 8687 | 5953N | 10250W | 22.7 | 157.4 | | GGGG |
| 2623-17155 | 00000/0000 | 2-20034/0459 | 10/06/76 | 60 | 8687 | 5830N | 10349W | 23.8 | 156.3 | | GGGG |
| 2623-17164 | 00000/0000 | 2-20034/0424 | 10/06/76 | 30 | 8687 | 5543N | 10533W | 26.0 | 154.1 | | G |
| 2623-17171 | 00000/0000 | 2-20034/0425 | 10/06/76 | 90 | 8687 | 5419N | 10621W | 27.1 | 153.0 | | GGGG |
| 2623-17173 | 00000/0000 | 2-20034/0426 | 10/06/76 | 90 | 8687 | 5255N | 10706W | 28.1 | 152.0 | | GGGG |
| 2623-17180 | 00000/0000 | 2-20034/0427 | 10/06/76 | 80 | 8687 | 5131N | 10748W | 29.2 | 151.0 | | GGGG |
| 2623-17241 | 00000/0000 | 2-20034/0428 | 10/06/76 | 20 | 8687 | 3012N | 11531W | 43.5 | 134.4 | | GGGG |
| 2623-20382 | 00000/0000 | 2-20034/0460 | 10/06/76 | 50 | 8689 | 7153N | 14031W | 12.5 | 172.0 | | GGGG |
| 2623-22222 | 00000/0000 | 2-20034/0449 | 10/06/76 | 90 | 8690 | 6922N | 17033W | 14.8 | 167.8 | | GGGG |
| 2624-01565 | 00000/0000 | 2-20034/0399 | 10/07/76 | 10 | 8692 | 4302N | 11931E | 35.2 | 144.9 | | GGGG |
| 2624-01571 | 00000/0000 | 2-20034/0400 | 10/07/76 | 10 | 8692 | 4137N | 11900E | 36.2 | 143.9 | | GGGG |
| 2624-01574 | 00000/0000 | 2-20034/0401 | 10/07/76 | 20 | 8692 | 4012N | 11830E | 37.1 | 142.8 | | GGGG |
| 2624-01580 | 00000/0000 | 2-20034/0402 | 10/07/76 | 20 | 8692 | 3846N | 11802E | 38.1 | 141.7 | | GGGG |
| 2624-01583 | 00000/0000 | 2-20034/0403 | 10/07/76 | 10 | 8692 | 3720N | 11734E | 39.0 | 140.6 | | GGGG |
| 2624-01592 | 00000/0000 | 2-20034/0404 | 10/07/76 | 70 | 8692 | 3429N | 11640E | 40.8 | 138.3 | | GGGG |
| 2624-01594 | 00000/0000 | 2-20034/0405 | 10/07/76 | 100 | 8692 | 3303N | 11614E | 41.7 | 137.1 | | GGGG |
| 2624-02001 | 00000/0000 | 2-20034/0406 | 10/07/76 | 100 | 8692 | 3137N | 11549E | 42.5 | 135.9 | | GGGG |
| 2624-02003 | 00000/0000 | 2-20034/0407 | 10/07/76 | 100 | 8692 | 3011N | 11524E | 43.4 | 134.6 | | GGGG |
| 2624-02010 | 00000/0000 | 2-20034/0408 | 10/07/76 | 90 | 8692 | 2845N | 11501E | 44.2 | 133.3 | | GGGG |
| 2624-02012 | 00000/0000 | 2-20034/0409 | 10/07/76 | 50 | 8692 | 2719N | 11437E | 45.0 | 131.9 | | GGGG |
| 2624-02015 | 00000/0000 | 2-20034/0410 | 10/07/76 | 40 | 8692 | 2553N | 11414E | 45.7 | 130.5 | | GGGG |
| 2624-02021 | 00000/0000 | 2-20034/0411 | 10/07/76 | 50 | 8692 | 2427N | 11351E | 46.4 | 129.1 | | GGGG |
| 2624-02024 | 00000/0000 | 2-20034/0412 | 10/07/76 | 50 | 8692 | 2301N | 11329E | 47.1 | 127.6 | | GGGG |
| 2624-03400 | 00000/0000 | 2-20034/0413 | 10/07/76 | 90 | 8693 | 4302N | 09343E | 35.2 | 145.0 | | GGGG |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 N6V 11/176

LANDSAT-2
OBSERVATION ID LISTING
FOR NPN-US
FROM 10/01/76 TO 10/31/76

PAGE 0046

| OBSERVATION ID | MICROFILM RBL. No./ POSITION IN RBL RBV | RBL. No./ MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINT LONG | SUN FLEV. | SUN AZIM. | IMAGE QUAL RBV MSS DATA | MSS MODE | MSS IMAGE GAIN |
|-------------------|---|------------------|------------------|----------------|-----------------|------------------------------------|---------------|--------------|--------------|----------------------------|-------------|----------------------|
| 2624-03450 | 00000/0000 | 2-20034/0354 | 10/07/76 | 50 | 8693 | 2554N | 08825E | 45.7 | 130.6 | GGGG | | |
| 2624-03453 | 00000/0000 | 2-20034/0355 | 10/07/76 | 30 | 8693 | 2428N | 08802E | 46.4 | 129.1 | GGGG | | |
| 2624-05241 | 00000/0000 | 2-20034/0492 | 10/07/76 | 0 | 8694 | 4011N | 06652E | 37.1 | 142.9 | GGGG | | |
| 2624-07023 | 00000/0000 | 2-20034/0493 | 10/07/76 | 90 | 8695 | 5707N | 04848E | 24.7 | 155.2 | GGGG | | |
| 2624-07025 | 00000/0000 | 2-20034/0494 | 10/07/76 | 100 | 8695 | 5543N | 04757E | 25.8 | 154.2 | GGGG | | |
| 2624-07032 | 00000/0000 | 2-20034/0495 | 10/07/76 | 100 | 8695 | 5419N | 04710E | 26.9 | 153.1 | GGGG | | |
| 2624-07034 | 00000/0000 | 2-20034/0496 | 10/07/76 | 100 | 8695 | 5255N | 04624E | 27.9 | 152.1 | GGGG | | |
| 2624-07041 | 00000/0000 | 2-20034/0497 | 10/07/76 | 100 | 8695 | 5131N | 04542E | 29.0 | 151.1 | GGGG | | |
| 2624-07043 | 00000/0000 | 2-20034/0498 | 10/07/76 | 100 | 8695 | 5007N | 04501E | 30.0 | 150.1 | GGGG | | |
| 2624-07050 | 00000/0000 | 2-20034/0499 | 10/07/76 | 90 | 8695 | 4842N | 04423E | 31.1 | 149.1 | GGGG | | |
| 2624-07052 | 00000/0000 | 2-20034/0500 | 10/07/76 | 70 | 8695 | 4717N | 04347E | 32.1 | 148.1 | GGGG | | |
| 2624-07055 | 00000/0000 | 2-20034/0501 | 10/07/76 | 20 | 8695 | 4551N | 04313E | 33.1 | 147.0 | GGGG | | |
| 2624-07061 | 00000/0000 | 2-20034/0502 | 10/07/76 | 10 | 8695 | 4426N | 04240E | 34.1 | 146.0 | GGGG | | |
| 2624-07064 | 00000/0000 | 2-20034/0503 | 10/07/76 | 10 | 8695 | 4301N | 04207E | 35.1 | 145.0 | GGGG | | |
| 2624-07070 | 00000/0000 | 2-20034/0504 | 10/07/76 | 20 | 8695 | 4136N | 04136E | 36.1 | 143.9 | GGGG | | |
| 2624-08463 | 00000/0000 | 2-20034/0433 | 10/07/76 | 90 | 8696 | 5418N | 02119E | 26.8 | 153.1 | GGGG | | |
| 2624-12344 | 00000/0000 | 2-20034/0434 | 10/07/76 | 10 | 8698 | 2008S | 05141W | 48.6 | 75.1 | GGGG | | |
| 2624-12351 | 00000/0000 | 2-20034/0435 | 10/07/76 | 10 | 8698 | 2134S | 05202W | 48.0 | 73.7 | GGGG | | |
| 2624-12353 | 00000/0000 | 2-20034/0436 | 10/07/76 | 10 | 8698 | 2259S | 05225W | 47.4 | 72.3 | GGGG | | |
| 2624-12360 | 00000/0000 | 2-20034/0437 | 10/07/76 | 0 | 8698 | 2425S | 05248W | 46.7 | 71.1 | GGGG | | |
| 2624-12362 | 00000/0000 | 2-20034/0438 | 10/07/76 | 10 | 8698 | 2551S | 05311W | 46.0 | 69.9 | FFFF | | |
| 2624-12365 | 00000/0000 | 2-20034/0439 | 10/07/76 | 70 | 8698 | 2717S | 05335W | 45.2 | 68.7 | GGGG | | |
| 2624-12371 | 00000/0000 | 2-20034/0440 | 10/07/76 | 40 | 8698 | 2842S | 05359W | 44.5 | 67.6 | GGGG | | |
| 2624-12374 | 00000/0000 | 2-20034/0441 | 10/07/76 | 50 | 8698 | 3009S | 05423W | 43.7 | 66.6 | GGGG | | |
| 2624-12394 | 00000/0000 | 2-20034/0442 | 10/07/76 | 50 | 8698 | 3716S | 05633W | 39.4 | 62.3 | GGGF | | |
| 2624-13555 | 00000/0000 | 2-20034/0430 | 10/07/76 | 80 | 8699 | 5544N | 05519W | 25.7 | 154.2 | GGGG | | |
| 2624-13562 | 00000/0000 | 2-20034/0431 | 10/07/76 | 70 | 8699 | 5421N | 05606W | 26.7 | 153.2 | GGGG | | |
| 2624-14085 | 2-20034/1248 | 00000/0000 | 10/07/76 | 20 | 8699 | 1122N | 07007W | 51.4 | 114.5 | GGG | | |
| 2624-14092 | 2-20034/1249 | 00000/0000 | 10/07/76 | 40 | 8699 | 0955N | 07027W | 51.8 | 112.6 | GGG | | |
| 2624-14094 | 2-20034/1250 | 00000/0000 | 10/07/76 | 50 | 8699 | 0828N | 07047W | 52.1 | 110.8 | GGG | | |
| 2624-14101 | 2-20034/1251 | 00000/0000 | 10/07/76 | 80 | 8699 | 0702N | 07107W | 52.4 | 108.9 | GGG | | |
| 2624-14103 | 2-20034/1252 | 00000/0000 | 10/07/76 | 90 | 8699 | 0535N | 07128W | 52.6 | 107.0 | GGG | | |
| 2624-15405 | 00000/0000 | 2-20034/0432 | 10/07/76 | 90 | 8700 | 5005N | 08404W | 29.9 | 150.1 | GGGG | | |
| 2624-20440 | 00000/0000 | 2-20034/0448 | 10/07/76 | 30 | 8703 | 7153N | 14153W | 12.2 | 172.1 | GGG | | |
| 2624-22562 | 00000/0000 | 2-20034/0443 | 10/07/76 | 0 | 8704 | 2721S | 15129E | 45.3 | 68.9 | GGGG | | |
| 2624-22565 | 00000/0000 | 2-20034/0444 | 10/07/76 | 10 | 8704 | 2847S | 15106E | 44.6 | 67.8 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14151 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0047

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|---------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2624-22571 | 00000/0000 | 2-20034/0445 | 10/07/76 | 30 | 8704 | 3012S | 15042E | 43.8 | 66.7 | GGGG | | |
| 2624-22574 | 00000/0000 | 2-20034/0446 | 10/07/76 | 70 | 8704 | 3137S | 15017E | 43.0 | 65.8 | GGGG | | |
| 2624-22580 | 00000/0000 | 2-20034/0447 | 10/07/76 | 80 | 8704 | 3302S | 14953E | 42.1 | 64.8 | GGGG | | |
| 2625-02023 | 00000/0000 | 2-20034/0540 | 10/08/76 | 30 | 8706 | 4259N | 11805E | 34.9 | 145.2 | GGFF | | |
| 2625-02030 | 00000/0000 | 2-20034/0541 | 10/08/76 | 20 | 8706 | 4134N | 11734E | 35.9 | 144.1 | GGGG | | |
| 2625-02032 | 00000/0000 | 2-20034/0542 | 10/08/76 | 30 | 8706 | 4009N | 11704E | 36.8 | 143.1 | GGGG | | |
| 2625-02035 | 00000/0000 | 2-20034/0543 | 10/08/76 | 10 | 8706 | 3843N | 11635E | 37.8 | 142.0 | FGGG | | |
| 2625-02041 | 00000/0000 | 2-20034/0544 | 10/08/76 | 10 | 8706 | 3718N | 11607E | 38.7 | 140.9 | GGGG | | |
| 2625-02044 | 00000/0000 | 2-20034/0545 | 10/08/76 | 0 | 8706 | 3552N | 11540E | 39.6 | 139.8 | GGGG | | |
| 2625-02050 | 00000/0000 | 2-20034/0546 | 10/08/76 | 10 | 8706 | 3426N | 11513E | 40.5 | 138.6 | GGGG | | |
| 2625-02053 | 00000/0000 | 2-20034/0547 | 10/08/76 | 10 | 8706 | 3300N | 11447E | 41.4 | 137.4 | GGGF | | |
| 2625-02055 | 00000/0000 | 2-20034/0548 | 10/08/76 | 30 | 8706 | 3135N | 11422E | 42.3 | 136.2 | GGGG | | |
| 2625-02062 | 00000/0000 | 2-20034/0549 | 10/08/76 | 80 | 8706 | 3009N | 11358E | 43.1 | 134.9 | GGGG | | |
| 2625-02064 | 00000/0000 | 2-20034/0539 | 10/08/76 | 90 | 8706 | 2843N | 11333E | 43.9 | 133.6 | G GG | | |
| 2625-02071 | 00000/0000 | 2-20034/0550 | 10/08/76 | 100 | 8706 | 2718N | 11310E | 44.7 | 132.3 | GGFF | | |
| 2625-02073 | 00000/0000 | 2-20034/0551 | 10/08/76 | 90 | 8706 | 2551N | 11246E | 45.5 | 130.9 | FGGG | | |
| 2625-03455 | 00000/0000 | 2-20034/0552 | 10/08/76 | 20 | 8707 | 4303N | 09218E | 34.8 | 145.2 | GGGG | | |
| 2625-03505 | 00000/0000 | 2-20034/0553 | 10/08/76 | 40 | 8707 | 2555N | 08658E | 45.5 | 131.0 | GGGG | | |
| 2625-03511 | 00000/0000 | 2-20034/0554 | 10/08/76 | 30 | 8707 | 2429N | 08636E | 46.2 | 129.6 | GGGG | | |
| 2625-03514 | 00000/0000 | 2-20034/0555 | 10/08/76 | 10 | 8707 | 2302N | 08614E | 46.9 | 128.1 | GGGG | | |
| 2625-03520 | 00000/0000 | 2-20034/0556 | 10/08/76 | 0 | 8707 | 2136N | 08551E | 47.6 | 126.6 | GGGG | | |
| 2625-03523 | 00000/0000 | 2-20034/0557 | 10/08/76 | 10 | 8707 | 2010N | 08530E | 48.2 | 125.1 | GFFG | | |
| 2625-05295 | 00000/0000 | 2-20034/0558 | 10/08/76 | 10 | 8708 | 4011N | 06526E | 36.8 | 143.2 | FGFG | | |
| 2625-07081 | 00000/0000 | 2-20034/0559 | 10/08/76 | 90 | 8709 | 5711N | 04723E | 24.3 | 155.5 | GFGF | | |
| 2625-07083 | 00000/0000 | 2-20034/0560 | 10/08/76 | 90 | 8709 | 5547N | 04633E | 25.4 | 154.4 | FFGG | | |
| 2625-07090 | 00000/0000 | 2-20034/0561 | 10/08/76 | 90 | 8709 | 5424N | 04546E | 26.4 | 153.4 | GGGG | | |
| 2625-07092 | 00000/0000 | 2-20034/0562 | 10/08/76 | 90 | 8709 | 5300N | 04502E | 27.5 | 152.3 | GGGF | | |
| 2625-07095 | 00000/0000 | 2-20034/0563 | 10/08/76 | 90 | 8709 | 5135N | 04419E | 28.6 | 151.3 | GGGF | | |
| 2625-07101 | 00000/0000 | 2-20034/0564 | 10/08/76 | 90 | 8709 | 5011N | 04338E | 29.6 | 150.3 | FFFF | | |
| 2625-07104 | 00000/0000 | 2-20034/0565 | 10/08/76 | 90 | 8709 | 4846N | 04259E | 30.7 | 149.3 | GGGG | | |
| 2625-07110 | 00000/0000 | 2-20034/0566 | 10/08/76 | 40 | 8709 | 4721N | 04223E | 31.7 | 148.3 | FGGF | | |
| 2625-07113 | 00000/0000 | 2-20034/0567 | 10/08/76 | 30 | 8709 | 4556N | 04148E | 32.7 | 147.3 | GGGF | | |
| 2625-07115 | 00000/0000 | 2-20034/0568 | 10/08/76 | 50 | 8709 | 4431N | 04114E | 33.8 | 146.3 | GGGF | | |
| 2625-07301 | 00000/0000 | 2-20034/0569 | 10/08/76 | 20 | 8709 | 1839S | 02440E | 49.4 | 77.0 | GGGP | | |
| 2625-07304 | 00000/0000 | 2-20034/0570 | 10/08/76 | 20 | 8709 | 2004S | 02419E | 48.8 | 75.5 | GGGP | | |
| 2625-08521 | 00000/0000 | 2-20034/0337 | 10/08/76 | 70 | 8710 | 5423N | 01954E | 26.4 | 153.4 | G | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
OF POOR QUALITY

14141 49V 11/76

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0048

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT LONG | SUN ELEV. | SUN AZIM. | IMAGE QUAL RBV MSS DATA 123 45678 MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------------|-------------------------|--------------|--------------|--|----------------------|
| 2625-12400 | 00000/0000 | 2-20034/0338 | 10/08/76 | 70 | 8712 | 1842S | 05246W | 49.4 | 77.0 | FGFG | |
| 2625-12405 | 00000/0000 | 2-20034/0339 | 10/08/76 | 90 | 8712 | 2133S | 05330W | 48.3 | 74.2 | GGFG | |
| 2625-12411 | 00000/0000 | 2-20034/0476 | 10/08/76 | 100 | 8712 | 2259S | 05352W | 47.6 | 72.8 | GGGG | |
| 2625-12414 | 00000/0000 | 2-20034/0477 | 10/08/76 | 100 | 8712 | 2426S | 05415W | 46.9 | 71.5 | PPPP | |
| 2625-12420 | 00000/0000 | 2-20034/0464 | 10/08/76 | 100 | 8712 | 2551S | 05438W | 46.2 | 70.3 | P PP | |
| 2625-12423 | 00000/0000 | 2-20034/0478 | 10/08/76 | 100 | 8712 | 2716S | 05501W | 45.5 | 69.1 | PPPP | |
| 2625-12452 | 00000/0000 | 2-20034/0465 | 10/08/76 | 60 | 8712 | 3714S | 05800W | 39.7 | 62.6 | GGGG | |
| 2625-14011 | 00000/0000 | 2-20034/0461 | 10/08/76 | 80 | 8713 | 5708N | 05553W | 24.2 | 155.5 | GGGG | |
| 2625-14014 | 00000/0000 | 2-20034/0462 | 10/08/76 | 70 | 8713 | 5545N | 05643W | 25.3 | 154.4 | GGGG | |
| 2625-14020 | 00000/0000 | 2-20034/0463 | 10/08/76 | 90 | 8713 | 5422N | 05730W | 26.4 | 153.4 | GGGG | |
| 2625-14143 | 2-20034/1253 | 00000/0000 | 10/08/76 | 40 | 8713 | 1122N | 07191W | 51.3 | 115.1 | GGG | |
| 2625-14150 | 2-20034/1254 | 00000/0000 | 10/08/76 | 40 | 8713 | 0955N | 07151W | 51.7 | 113.3 | GGG | |
| 2625-14152 | 2-20034/1255 | 00000/0000 | 10/08/76 | 40 | 8713 | 0829N | 07212W | 52.0 | 111.4 | GGG | |
| 2625-14155 | 2-20034/1256 | 00000/0000 | 10/08/76 | 40 | 8713 | 0703N | 07232W | 52.3 | 109.5 | GGG | |
| 2625-14161 | 2-20034/1257 | 00000/0000 | 10/08/76 | 30 | 8713 | 0536N | 07253W | 52.6 | 107.6 | GGG | |
| 2625-20494 | 00000/0000 | 2-20034/0523 | 10/08/76 | 20 | 8717 | 7154N | 14321W | 11.8 | 172.2 | PGGG | |
| 2625-23011 | 00000/0000 | 2-20034/0466 | 10/08/76 | 10 | 8718 | 2424S | 15052E | 47.1 | 71.7 | GGGG | |
| 2625-23014 | 00000/0000 | 2-20034/0467 | 10/08/76 | 0 | 8718 | 2550S | 15029E | 46.4 | 70.5 | GGGG | |
| 2625-23020 | 00000/0000 | 2-20034/0468 | 10/08/76 | 10 | 8718 | 2715S | 15005E | 45.6 | 69.3 | GGGG | |
| 2625-23023 | 00000/0000 | 2-20034/0469 | 10/08/76 | 30 | 8718 | 2841S | 14941E | 44.9 | 68.2 | GGGG | |
| 2625-23025 | 00000/0000 | 2-20034/0470 | 10/08/76 | 40 | 8718 | 3007S | 14917E | 44.1 | 67.2 | GGGG | |
| 2625-23032 | 00000/0000 | 2-20034/0471 | 10/08/76 | 80 | 8718 | 3133S | 14853E | 43.3 | 66.2 | GGGG | |
| 2625-23034 | 00000/0000 | 2-20034/0472 | 10/08/76 | 90 | 8718 | 3257S | 14828E | 42.5 | 65.2 | GGGG | |
| 2625-23041 | 00000/0000 | 2-20034/0473 | 10/08/76 | 100 | 8718 | 3422S | 14802E | 41.6 | 64.4 | GGGG | |
| 2625-23043 | 00000/0000 | 2-20034/0474 | 10/08/76 | 90 | 8718 | 3547S | 14735E | 40.7 | 63.5 | GGGG | |
| 2626-00470 | 00000/0000 | 2-20034/0475 | 10/09/76 | 50 | 8719 | 3258S | 12239E | 42.5 | 65.3 | GGGG | |
| 2626-02081 | 00000/0000 | 2-20034/0479 | 10/09/76 | 100 | 8720 | 4304N | 11640E | 34.5 | 145.5 | GGFG | |
| 2626-02084 | 00000/0000 | 2-20034/0480 | 10/09/76 | 70 | 8720 | 4138N | 11609E | 35.5 | 144.5 | GGGG | |
| 2626-02090 | 00000/0000 | 2-20034/0481 | 10/09/76 | 40 | 8720 | 4013N | 11539E | 36.5 | 143.4 | GGGG | |
| 2626-02093 | 00000/0000 | 2-20034/0482 | 10/09/76 | 20 | 8720 | 3847N | 11510E | 37.4 | 142.4 | GGGG | |
| 2626-02095 | 00000/0000 | 2-20034/0483 | 10/09/76 | 40 | 8720 | 3721N | 11442E | 38.4 | 141.3 | GGGG | |
| 2626-02102 | 00000/0000 | 2-20034/0484 | 10/09/76 | 30 | 8720 | 3555N | 11414E | 39.3 | 140.1 | GGGG | |
| 2626-02104 | 00000/0000 | 2-20034/0485 | 10/09/76 | 20 | 8720 | 3431N | 11347E | 40.2 | 139.0 | GGGG | |
| 2626-02111 | 00000/0000 | 2-20034/0486 | 10/09/76 | 10 | 8720 | 3305N | 11321E | 41.1 | 137.8 | GGGG | |
| 2626-02113 | 00000/0000 | 2-20034/0487 | 10/09/76 | 10 | 8720 | 3139N | 11255E | 42.0 | 136.6 | GGGG | |
| 2626-02120 | 00000/0000 | 2-20034/0488 | 10/09/76 | 10 | 8720 | 3013N | 11231E | 42.8 | 135.4 | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0049

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|---|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2626-02122 | 00000/0000 | 2-20034/0489 | 10/09/76 | 50 | 8720 | 2848N | 11207E | 43.6 | 134.1 | GGGG | |
| 2626-02125 | 00000/0000 | 2-20034/0490 | 10/09/76 | 90 | 8720 | 2722N | 11144E | 44.4 | 132.8 | GGGG | |
| 2626-02131 | 00000/0000 | 2-20034/0491 | 10/09/76 | 100 | 8720 | 2555N | 11121E | 45.2 | 131.4 | GGGG | |
| 2626-07135 | 00000/0000 | 2-20034/0572 | 10/09/76 | 100 | 8723 | 5709N | 04556E | 24.0 | 155.6 | GGGG | |
| 2626-07141 | 00000/0000 | 2-20034/0573 | 10/09/76 | 90 | 8723 | 5545N | 04505E | 25.0 | 154.5 | GGGG | |
| 2626-07144 | 00000/0000 | 2-20034/0574 | 10/09/76 | 90 | 8723 | 5421N | 04417E | 26.1 | 153.5 | GGGG | |
| 2626-07150 | 00000/0000 | 2-20034/0575 | 10/09/76 | 100 | 8723 | 5257N | 04333E | 27.2 | 152.5 | GGGG | |
| 2626-07153 | 00000/0000 | 2-20034/0576 | 10/09/76 | 90 | 8723 | 5133N | 04251E | 28.3 | 151.5 | GGGG | |
| 2626-07155 | 00000/0000 | 2-20034/0577 | 10/09/76 | 90 | 8723 | 5008N | 04211E | 29.3 | 150.5 | GGGG | |
| 2626-07162 | 00000/0000 | 2-20034/0578 | 10/09/76 | 70 | 8723 | 4844N | 04133E | 30.4 | 149.5 | GGGG | |
| 2626-07164 | 00000/0000 | 2-20034/0579 | 10/09/76 | 10 | 8723 | 4719N | 04056E | 31.4 | 148.5 | GGGG | |
| 2626-07171 | 00000/0000 | 2-20034/0580 | 10/09/76 | 60 | 8723 | 4554N | 04021E | 32.4 | 147.5 | GGGG | |
| 2626-07173 | 00000/0000 | 2-20034/0581 | 10/09/76 | 80 | 8723 | 4428N | 03947E | 33.5 | 146.5 | GGGG | |
| 2626-12502 | 00000/0000 | 2-20034/0582 | 10/09/76 | 60 | 8726 | 3423S | 05330W | 41.8 | 64.5 | GGGG | |
| 2626-12504 | 00000/0000 | 2-20034/0583 | 10/09/76 | 80 | 8726 | 3548S | 05357W | 40.9 | 63.7 | GGGG | |
| 2626-12511 | 00000/0000 | 2-20034/0584 | 10/09/76 | 70 | 8726 | 3713S | 05925W | 40.0 | 63.0 | PPPP | |
| 2626-12513 | 00000/0000 | 2-20034/0585 | 10/09/76 | 60 | 8726 | 3838S | 05953W | 39.1 | 62.2 | GGGG | |
| 2626-14065 | 00000/0000 | 2-20034/0737 | 10/09/76 | 40 | 8727 | 5709N | 05720W | 23.8 | 155.6 | GGGG | |
| 2626-14072 | 00000/0000 | 2-20034/0738 | 10/09/76 | 40 | 8727 | 5546N | 05811W | 24.9 | 154.6 | GGGG | |
| 2626-14074 | 00000/0000 | 2-20034/0739 | 10/09/76 | 60 | 8727 | 5422N | 05859W | 26.0 | 153.6 | GGGG | |
| 2626-20552 | 00000/0000 | 2-20034/0571 | 10/09/76 | 70 | 8731 | 7154N | 14445W | 11.4 | 172.3 | GGG | |
| 2626-23072 | 00000/0000 | 2-20034/0760 | 10/09/76 | 0 | 8732 | 2553S | 14901E | 46.6 | 70.9 | GGGG | |
| 2626-23075 | 00000/0000 | 2-20034/0761 | 10/09/76 | 20 | 8732 | 2719S | 14838E | 45.9 | 69.7 | GGGG | |
| 2626-23081 | 00000/0000 | 2-20034/0762 | 10/09/76 | 30 | 8732 | 2844S | 14814E | 45.1 | 68.6 | GGGG | |
| 2626-23084 | 00000/0000 | 2-20034/0745 | 10/09/76 | 20 | 8732 | 3009S | 14750E | 44.3 | 67.5 | GGGG | |
| 2626-23090 | 00000/0000 | 2-20034/0746 | 10/09/76 | 20 | 8732 | 3134S | 14725E | 43.5 | 66.5 | GGGG | |
| 2626-23093 | 00000/0000 | 2-20034/0747 | 10/09/76 | 10 | 8732 | 3300S | 14659E | 42.7 | 65.6 | GGGG | |
| 2626-23095 | 00000/0000 | 2-20034/0748 | 10/09/76 | 10 | 8732 | 3424S | 14634E | 41.9 | 64.7 | GGGG | |
| 2626-23102 | 00000/0000 | 2-20034/0749 | 10/09/76 | 20 | 8732 | 3549S | 14608E | 41.0 | 63.8 | GGGG | |
| 2626-23104 | 00000/0000 | 2-20034/0750 | 10/09/76 | 70 | 8732 | 3715S | 14541E | 40.1 | 63.1 | GGGG | |
| 2627-00522 | 00000/0000 | 2-20034/0751 | 10/10/76 | 90 | 8733 | 3135S | 12137E | 43.6 | 66.5 | GGGG | |
| 2627-00524 | 00000/0000 | 2-20034/0752 | 10/10/76 | 90 | 8733 | 3301S | 12112E | 42.7 | 65.6 | GGGG | |
| 2627-02142 | 00000/0000 | 2-20034/0753 | 10/10/76 | 90 | 8734 | 4136N | 11442E | 35.2 | 144.7 | GGGG | |
| 2627-02144 | 00000/0000 | 2-20034/0754 | 10/10/76 | 90 | 8734 | 4011N | 11412E | 36.2 | 143.7 | GGGG | |
| 2627-02151 | 00000/0000 | 2-20034/0755 | 10/10/76 | 100 | 8734 | 3845N | 11343E | 37.2 | 142.6 | GGGG | |
| 2627-02153 | 00000/0000 | 2-20034/0756 | 10/10/76 | 100 | 8734 | 3720N | 11315E | 38.1 | 141.5 | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN=LS
FROM 10/01/76 TO 10/31/76

PAGE 0050

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN FLEV. | SUN AZIM. | IMAGE QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|---|--------------|--------------|-----------------------|------------------|----------------------|
| 2627-02160 | 00000/0000 | 2-20034/0757 | 10/10/76 | 100 | 8734 | 3554N 11247E | 39.0 | 140.4 | GGGG | | |
| 2627-02162 | 00000/0000 | 2-20034/0758 | 10/10/76 | 90 | 8734 | 3428N 11220E | 40.0 | 139.3 | GGGG | | |
| 2627-02165 | 00000/0000 | 2-20034/0759 | 10/10/76 | 90 | 8734 | 3302N 11154E | 40.8 | 138.1 | GGGG | | |
| 2627-03564 | 00000/0000 | 2-20034/0763 | 10/10/76 | 10 | 8735 | 4429N 08959E | 33.2 | 146.8 | GGGG | | |
| 2627-04014 | 00000/0000 | 2-20034/0764 | 10/10/76 | 30 | 8735 | 2722N 08430E | 44.2 | 133.2 | FFFF | | |
| 2627-04021 | 00000/0000 | 2-20034/0765 | 10/10/76 | 10 | 8735 | 2556N 08407E | 45.0 | 131.9 | GGGG | | |
| 2627-04023 | 00000/0000 | 2-20034/0766 | 10/10/76 | 0 | 8735 | 2430N 08344E | 45.7 | 130.5 | GGGG | | |
| 2627-04030 | 00000/0000 | 2-20034/0767 | 10/10/76 | 0 | 8735 | 2304N 08322E | 46.4 | 129.1 | GGGG | | |
| 2627-04032 | 00000/0000 | 2-20034/0768 | 10/10/76 | 0 | 8735 | 2138N 08259E | 47.1 | 127.6 | GGGG | | |
| 2627-04035 | 00000/0000 | 2-20034/0769 | 10/10/76 | 10 | 8735 | 2011N 08237E | 47.8 | 126.1 | GGGG | | |
| 2627-04041 | 00000/0000 | 2-20034/0770 | 10/10/76 | 10 | 8735 | 1845N 08215E | 48.4 | 124.6 | GGGG | | |
| 2627-07193 | 00000/0000 | 2-20034/0605 | 10/10/76 | 20 | 8737 | 5708N 04428E | 23.6 | 155.7 | GGGG | | |
| 2627-07200 | 00000/0000 | 2-20034/0606 | 10/10/76 | 20 | 8737 | 5545N 04337E | 24.7 | 154.7 | GGGG | | |
| 2627-07202 | 00000/0000 | 2-20034/0607 | 10/10/76 | 80 | 8737 | 5421N 04249E | 25.8 | 153.7 | GGGG | | |
| 2627-07205 | 00000/0000 | 2-20034/0593 | 10/10/76 | 90 | 8737 | 5257N 04205E | 26.8 | 152.7 | GGGG | | |
| 2627-07214 | 00000/0000 | 2-20034/0675 | 10/10/76 | 70 | 8737 | 5009N 04042E | 29.0 | 150.7 | GGG | | |
| 2627-07220 | 00000/0000 | 2-20034/0676 | 10/10/76 | 60 | 8737 | 4843N 04004E | 30.0 | 149.7 | GGG | | |
| 2627-07223 | 00000/0000 | 2-20034/0677 | 10/10/76 | 90 | 8737 | 4718N 03927E | 31.1 | 148.8 | FGGG | | |
| 2627-07225 | 00000/0000 | 2-20034/0678 | 10/10/76 | 90 | 8737 | 4553N 03852E | 32.1 | 147.8 | FGGG | | |
| 2627-07232 | 00000/0000 | 2-20034/0679 | 10/10/76 | 50 | 8737 | 4428N 03819E | 33.1 | 146.8 | FGGG | | |
| 2627-07325 | 00000/0000 | 2-20034/0680 | 10/10/76 | 10 | 8737 | 1131N 02852E | 51.1 | 116.3 | GGGG | | |
| 2627-07332 | 00000/0000 | 2-20034/0681 | 10/10/76 | 20 | 8737 | 1005N 02832E | 51.5 | 114.5 | GGGG | | |
| 2627-07411 | 00000/0000 | 2-20034/0682 | 10/10/76 | 10 | 8737 | 1714S 02208E | 50.3 | 79.5 | GFGG | | |
| 2627-07414 | 00000/0000 | 2-20034/0683 | 10/10/76 | 10 | 8737 | 1839S 02147E | 49.8 | 78.0 | GGGG | | |
| 2627-07420 | 00000/0000 | 2-20034/0684 | 10/10/76 | 0 | 8737 | 2006S 02126E | 49.2 | 76.5 | GGGG | | |
| 2627-12551 | 00000/0000 | 2-20034/0594 | 10/10/76 | 40 | 8740 | 3135S 05905W | 43.7 | 66.7 | FGGG | | |
| 2627-15573 | 00000/0000 | 2-20034/0588 | 10/10/76 | 90 | 8742 | 5131N 08742W | 27.8 | 151.7 | GGGG | | |
| 2627-15580 | 00000/0000 | 2-20034/0589 | 10/10/76 | 80 | 8742 | 5007N 08822W | 28.9 | 150.8 | GGGG | | |
| 2627-16053 | 00000/0000 | 2-20034/0685 | 10/10/76 | 20 | 8742 | 2427N 09658W | 45.6 | 130.7 | FGFF | | |
| 2627-17402 | 00000/0000 | 2-20034/0586 | 10/10/76 | 90 | 8743 | 5255N 11250W | 26.7 | 152.7 | GGG | | |
| 2627-17405 | 00000/0000 | 2-20034/0587 | 10/10/76 | 90 | 8743 | 5131N 11332W | 27.8 | 151.7 | GGGG | | |
| 2628-07251 | 00000/0000 | 2-20034/0595 | 10/11/76 | 80 | 8751 | 5706N 04300E | 23.3 | 155.9 | GGGG | | |
| 2628-07254 | 00000/0000 | 2-20034/0596 | 10/11/76 | 90 | 8751 | 5542N 04210E | 24.4 | 154.8 | GGGG | | |
| 2628-13000 | 00000/0000 | 2-20034/0591 | 10/11/76 | 40 | 8754 | 2841S 05942W | 45.5 | 69.2 | F FF | | |
| 2628-13003 | 00000/0000 | 2-20034/0597 | 10/11/76 | 90 | 8754 | 3007S 06007W | 44.8 | 68.1 | FGGG | | |
| 2628-13005 | 00000/0000 | 2-20034/0598 | 10/11/76 | 90 | 8754 | 3133S 06032W | 44.0 | 67.1 | GFGG | | |

KEYS: CLOUD COVER X 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0051

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | SUN ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|------------------------|------------------------------------|-------------------------------------|--------------|--------------|-------------------|---------------------|----------------------|
| | | | | | | | | | | 123 45678 | | |
| 2628-13012 | 00000/0000 | 2-20034/0599 | 10/11/76 | 70 | 8754 | 3258S | 06058W | 43.2 | 66.1 | | PPPF | |
| 2628-13014 | 00000/0000 | 2-20034/0600 | 10/11/76 | 10 | 8754 | 3424S | 06123W | 42.3 | 65.2 | | GGGG | |
| 2628-13021 | 00000/0000 | 2-20034/0601 | 10/11/76 | 0 | 8754 | 3550S | 06149W | 41.5 | 64.3 | | GGFG | |
| 2628-13023 | 00000/0000 | 2-20034/0602 | 10/11/76 | 10 | 8754 | 3716S | 06216W | 40.6 | 63.5 | | GGGG | |
| 2628-13030 | 00000/0000 | 2-20034/0603 | 10/11/76 | 10 | 8754 | 3840S | 06244W | 39.7 | 62.8 | | FFFF | |
| 2628-13032 | 00000/0000 | 2-20034/0604 | 10/11/76 | 40 | 8754 | 4004S | 06313W | 38.8 | 62.1 | | FFGG | |
| 2628-16034 | 00000/0000 | 2-20034/0590 | 10/11/76 | 70 | 8756 | 5007N | 08949W | 28.5 | 151.0 | | GGGG | |
| 2628-16111 | 00000/0000 | 2-20034/0522 | 10/11/76 | 0 | 8756 | 2428N | 09826W | 45.4 | 131.1 | | GGGG | |
| 2628-17463 | 00000/0000 | 2-20034/0505 | 10/11/76 | 40 | 8757 | 5131N | 11457W | 27.4 | 151.9 | | GGGG | |
| 2628-21065 | 00000/0000 | 2-20034/0592 | 10/11/76 | 80 | 8759 | 7153N | 14738W | 10.7 | 172.4 | | FGGG | |
| 2628-23180 | 00000/0000 | 2-20034/0608 | 10/11/76 | 40 | 8760 | 2301S | 14654E | 48.4 | 74.4 | | GGFG | |
| 2628-23212 | 00000/0000 | 2-20034/0609 | 10/11/76 | 10 | 8760 | 3426S | 14342E | 42.4 | 65.3 | | GGGG | |
| 2628-23214 | 00000/0000 | 2-20034/0610 | 10/11/76 | 10 | 8760 | 3552S | 14315E | 41.6 | 64.5 | | GGGG | |
| 2628-23221 | 00000/0000 | 2-20034/0611 | 10/11/76 | 30 | 8760 | 3716S | 14248E | 40.7 | 63.7 | | GGGG | |
| 2629-01032 | 00000/0000 | 2-20034/0612 | 10/12/76 | 90 | 8761 | 3007S | 11910E | 44.9 | 68.3 | | GGGG | |
| 2629-01034 | 00000/0000 | 2-20034/0613 | 10/12/76 | 30 | 8761 | 3132S | 11845E | 44.1 | 67.3 | | GGGG | |
| 2629-01041 | 00000/0000 | 2-20034/0614 | 10/12/76 | 40 | 8761 | 3257S | 11820E | 43.3 | 66.3 | | GGGG | |
| 2629-01043 | 00000/0000 | 2-20034/0615 | 10/12/76 | 70 | 8761 | 3423S | 11755E | 42.5 | 65.4 | | GGGG | |
| 2629-02261 | 00000/0000 | 2-20034/0616 | 10/12/76 | 30 | 8762 | 4013N | 11121E | 35.6 | 144.2 | | F | |
| 2629-02263 | 00000/0000 | 2-20034/0617 | 10/12/76 | 10 | 8762 | 3847N | 11052E | 36.5 | 143.2 | | GGGG | |
| 2629-02270 | 00000/0000 | 2-20034/0618 | 10/12/76 | 10 | 8762 | 3721N | 11024E | 37.5 | 142.2 | | GGGG | |
| 2629-02272 | 00000/0000 | 2-20034/0619 | 10/12/76 | 40 | 8762 | 3556N | 10957E | 38.4 | 141.1 | | GGGG | |
| 2629-02275 | 00000/0000 | 2-20034/0620 | 10/12/76 | 90 | 8762 | 3429N | 10930E | 39.4 | 140.0 | | GGGG | |
| 2629-02281 | 00000/0000 | 2-20034/0621 | 10/12/76 | 90 | 8762 | 3304N | 10904E | 40.3 | 138.8 | | GGGG | |
| 2629-02284 | 00000/0000 | 2-20034/0622 | 10/12/76 | 100 | 8762 | 3138N | 10839E | 41.2 | 137.7 | | GGGG | |
| 2629-02290 | 00000/0000 | 2-20034/0623 | 10/12/76 | 100 | 8762 | 3013N | 10815E | 42.0 | 136.5 | | GGGG | |
| 2629-04081 | 00000/0000 | 2-20034/0663 | 10/12/76 | 0 | 8763 | 4428N | 08705E | 32.5 | 147.2 | | FGGG | |
| 2629-04083 | 00000/0000 | 2-20034/0664 | 10/12/76 | 0 | 8763 | 4503N | 08633E | 33.5 | 146.2 | | GGGG | |
| 2629-04090 | 00000/0000 | 2-20034/0665 | 10/12/76 | 0 | 8763 | 4137N | 08602E | 34.5 | 145.3 | | GGGG | |
| 2629-04131 | 00000/0000 | 2-20034/0651 | 10/12/76 | 0 | 8763 | 2721N | 08137E | 43.7 | 134.0 | | GGGG | |
| 2629-04133 | 00000/0000 | 2-20034/0652 | 10/12/76 | 0 | 8763 | 2555N | 08114E | 44.5 | 132.7 | | GGGG | |
| 2629-04140 | 00000/0000 | 2-20034/0653 | 10/12/76 | 0 | 8763 | 2429N | 08050E | 45.3 | 131.4 | | GGGG | |
| 2629-04145 | 00000/0000 | 2-20034/0654 | 10/12/76 | 0 | 8763 | 2135N | 08005E | 46.7 | 128.5 | | GGGG | |
| 2629-04151 | 00000/0000 | 2-20034/0655 | 10/12/76 | 0 | 8763 | 2009N | 07943E | 47.4 | 127.1 | | GGGG | |
| 2629-04154 | 00000/0000 | 2-20034/0656 | 10/12/76 | 0 | 8763 | 1843N | 07922E | 48.1 | 125.6 | | GGGG | |
| 2629-04160 | 00000/0000 | 2-20034/0657 | 10/12/76 | 0 | 8763 | 1717N | 07901E | 48.7 | 124.0 | | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, '76

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0052

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SUN ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|------------------------|------------------------------------|-------------------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2629-04163 | 00000/0000 | 2-20034/0658 | 10/12/76 | 0 | 8763 | 1551N | 07840E | 49.3 | 122.4 | GGGG | | |
| 2629-04181 | 00000/0000 | 2-20034/0791 | 10/12/76 | 50 | 8763 | 1005N | 07718E | 51.3 | 115.6 | GGGG | | |
| 2629-04231 | 00000/0000 | 2-20034/0792 | 10/12/76 | 80 | 8763 | 0711S | 07317E | 52.9 | 92.8 | GGGG | | |
| 2629-07310 | 00000/0000 | 2-20034/0793 | 10/12/76 | 40 | 8765 | 5707N | 04136E | 22.9 | 156.0 | GGGG | | |
| 2629-07312 | 00000/0000 | 2-20034/0794 | 10/12/76 | 70 | 8765 | 5543N | 04045E | 24.0 | 155.0 | GFGG | | |
| 2629-07315 | 00000/0000 | 2-20034/0795 | 10/12/76 | 100 | 8765 | 5419N | 03958E | 25.1 | 154.0 | GGGG | | |
| 2629-07321 | 00000/0000 | 2-20034/0506 | 10/12/76 | 70 | 8765 | 5255N | 03913E | 26.2 | 153.0 | GGGG | | |
| 2629-07324 | 00000/0000 | 2-20034/0507 | 10/12/76 | 90 | 8765 | 5131N | 03831E | 27.2 | 152.0 | GGGG | | |
| 2629-07330 | 00000/0000 | 2-20034/0508 | 10/12/76 | 100 | 8765 | 5007N | 03750E | 28.3 | 151.1 | GGGG | | |
| 2629-07342 | 00000/0000 | 2-20034/0509 | 10/12/76 | 40 | 8765 | 4551N | 03601E | 31.5 | 148.2 | GFGG | | |
| 2629-07344 | 00000/0000 | 2-20034/0510 | 10/12/76 | 10 | 8765 | 4427N | 03528E | 32.5 | 147.3 | GGGG | | |
| 2629-13054 | 00000/0000 | 2-20034/0521 | 10/12/76 | 70 | 8768 | 2844S | 06110W | 45.8 | 69.6 | P | | |
| 2629-13070 | 00000/0000 | 2-20034/0511 | 10/12/76 | 90 | 8768 | 3300S | 06224W | 43.4 | 66.4 | GGGG | | |
| 2629-13072 | 00000/0000 | 2-20034/0512 | 10/12/76 | 80 | 8768 | 3426S | 06249W | 42.6 | 65.5 | GGGG | | |
| 2629-13075 | 00000/0000 | 2-20034/0513 | 10/12/76 | 90 | 8768 | 3551S | 06316W | 41.8 | 64.6 | GGGG | | |
| 2629-13081 | 00000/0000 | 2-20034/0514 | 10/12/76 | 80 | 8768 | 3716S | 06343W | 40.9 | 63.8 | GFGG | | |
| 2629-14261 | 00000/0000 | 2-20034/0707 | 10/12/76 | 80 | 8769 | 5005N | 06525W | 28.2 | 151.1 | GGGG | | |
| 2629-14263 | 00000/0000 | 2-20034/0708 | 10/12/76 | 30 | 8769 | 4840N | 06603W | 29.3 | 150.2 | FGGG | | |
| 2629-14293 | 00000/0000 | 2-20034/0709 | 10/12/76 | 90 | 8769 | 3845N | 06951W | 36.4 | 143.3 | GGGG | | |
| 2629-14295 | 00000/0000 | 2-20034/0710 | 10/12/76 | 80 | 8769 | 3719N | 07019W | 37.4 | 142.3 | GGGG | | |
| 2629-14302 | 00000/0000 | 2-20034/0711 | 10/12/76 | 90 | 8769 | 3554N | 07046W | 38.3 | 141.2 | GGGG | | |
| 2629-14304 | 00000/0000 | 2-20034/0712 | 10/12/76 | 90 | 8769 | 3427N | 07112W | 39.2 | 140.1 | GGGG | | |
| 2629-16090 | 00000/0000 | 2-20034/0713 | 10/12/76 | 30 | 8770 | 5129N | 09035W | 27.2 | 152.1 | GGGG | | |
| 2629-16092 | 00000/0000 | 2-20034/0714 | 10/12/76 | 20 | 8770 | 5004N | 09115W | 28.2 | 151.1 | GGGG | | |
| 2629-16165 | 00000/0000 | 2-20034/0736 | 10/12/76 | 50 | 8770 | 2426N | 09951W | 45.2 | 131.5 | GGGG | | |
| 2629-21123 | 00000/0000 | 2-20034/0829 | 10/12/76 | 10 | 8773 | 7153N | 14905W | 10.3 | 172.5 | GGGG | | |
| 2629-23270 | 00000/0000 | 2-20034/0515 | 10/12/76 | 100 | 8774 | 3425S | 14216E | 42.7 | 65.7 | GGGG | | |
| 2629-23272 | 00000/0000 | 2-20034/0516 | 10/12/76 | 90 | 8774 | 3551S | 14150E | 41.9 | 64.8 | GGGG | | |
| 2629-23275 | 00000/0000 | 2-20034/0517 | 10/12/76 | 70 | 8774 | 3715S | 14123E | 41.0 | 64.0 | GGGG | | |
| 2630-01090 | 00000/0000 | 2-20034/0518 | 10/13/76 | 20 | 8775 | 3010S | 11745E | 45.2 | 68.7 | GGGG | | |
| 2630-01093 | 00000/0000 | 2-20034/0519 | 10/13/76 | 10 | 8775 | 3135S | 11719E | 44.4 | 67.6 | GGGG | | |
| 2630-01095 | 00000/0000 | 2-20034/0520 | 10/13/76 | 20 | 8775 | 3300S | 11654E | 43.6 | 66.6 | GGGG | | |
| 2630-02333 | 00000/0000 | 2-20034/0796 | 10/13/76 | 30 | 8776 | 3427N | 10802E | 39.1 | 140.3 | GGGG | | |
| 2630-02340 | 00000/0000 | 2-20034/0797 | 10/13/76 | 40 | 8776 | 3301N | 10736E | 40.0 | 139.1 | GGGG | | |
| 2630-02342 | 00000/0000 | 2-20034/0771 | 10/13/76 | 40 | 8776 | 3136N | 10711E | 40.9 | 138.0 | GGGG | | |
| 2630-04130 | 00000/0000 | 2-20034/0772 | 10/13/76 | 50 | 8777 | 4714N | 08647E | 30.2 | 149.3 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NMN-US
FROM 10/01/76 TO 10/31/76

PAGE 0053

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | SRIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN ELEV. | SUN AZIM. | IMAGE QUAL RBV MSS 121 4573 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|----------------|---|--------------|--------------|-----------------------------------|---------------------|----------------------|
| 2630-04133 | 00000/0000 | 2-20034/0773 | 10/13/76 | 10 | 8777 | 4550N 08612E | 31.2 | 148.4 | GGGG | | |
| 2630-04135 | 00000/0000 | 2-20034/0774 | 10/13/76 | 10 | 8777 | 4424N 08538E | 32.2 | 147.4 | GGGG | | |
| 2630-04183 | 00000/0000 | 2-20034/0775 | 10/13/76 | 10 | 8777 | 2843N 08033E | 42.6 | 135.6 | GGGG | | |
| 2630-04185 | 00000/0000 | 2-20034/0776 | 10/13/76 | 0 | 8777 | 2717N 08010E | 43.5 | 134.4 | GGGG | | |
| 2630-04192 | 00000/0000 | 2-20034/0777 | 10/13/76 | 0 | 8777 | 2552N 07947E | 44.3 | 133.1 | GGGG | | |
| 2630-04194 | 00000/0000 | 2-20034/0778 | 10/13/76 | 0 | 8777 | 2426N 07924E | 45.0 | 131.7 | FGGG | | |
| 2630-04201 | 00000/0000 | 2-20034/0779 | 10/13/76 | 0 | 8777 | 2300N 07901E | 45.8 | 130.4 | FGFG | | |
| 2630-04203 | 00000/0000 | 2-20034/0780 | 10/13/76 | 0 | 8777 | 2133N 07839E | 46.5 | 129.0 | GGGG | | |
| 2630-04210 | 00000/0000 | 2-20034/0781 | 10/13/76 | 0 | 8777 | 2007N 07817E | 47.2 | 127.5 | GGGG | | |
| 2630-04212 | 00000/0000 | 2-20034/0782 | 10/13/76 | 0 | 8777 | 1841N 07755E | 47.9 | 126.0 | GGGG | | |
| 2630-04215 | 00000/0000 | 2-20034/0783 | 10/13/76 | 0 | 8777 | 1714N 07734E | 48.5 | 124.4 | GGGG | | |
| 2630-04221 | 00000/0000 | 2-20034/0784 | 10/13/76 | 10 | 8777 | 1548N 07713E | 49.1 | 122.9 | GGGG | | |
| 2630-04224 | 00000/0000 | 2-20034/0785 | 10/13/76 | 10 | 8777 | 1421N 07652E | 49.7 | 121.2 | GGGG | | |
| 2630-04230 | 00000/0000 | 2-20034/0786 | 10/13/76 | 10 | 8777 | 1255N 07632E | 50.2 | 119.5 | GGGG | | |
| 2630-04233 | 00000/0000 | 2-20034/0787 | 10/13/76 | 20 | 8777 | 1129N 07611E | 50.7 | 117.8 | GGGG | | |
| 2630-04280 | 00000/0000 | 2-20034/0788 | 10/13/76 | 70 | 8777 | 0422S 07229E | 53.1 | 97.2 | GGGG | | |
| 2630-04283 | 00000/0000 | 2-20034/0789 | 10/13/76 | 80 | 8777 | 0548S 07209E | 53.0 | 95.3 | GGGG | | |
| 2630-04285 | 00000/0000 | 2-20034/0790 | 10/13/76 | 90 | 8777 | 0714S 07149E | 52.9 | 93.4 | GGGG | | |
| 2630-05591 | 00000/0000 | 2-20034/0798 | 10/13/76 | 10 | 8778 | 3718N 05718E | 37.2 | 142.4 | GGGG | | |
| 2630-05594 | 00000/0000 | 2-20034/0799 | 10/13/76 | 0 | 8778 | 3553N 05650E | 38.1 | 141.4 | GGGG | | |
| 2630-06000 | 00000/0000 | 2-20034/0800 | 10/13/76 | 0 | 8778 | 3427N 05624E | 39.1 | 140.3 | GGGG | | |
| 2630-06003 | 00000/0000 | 2-20034/0801 | 10/13/76 | 10 | 8778 | 3301N 05558E | 40.0 | 139.2 | GGGG | | |
| 2630-06005 | 00000/0000 | 2-20034/0802 | 10/13/76 | 0 | 8778 | 3135N 05533E | 40.9 | 138.0 | GGGG | | |
| 2630-06012 | 00000/0000 | 2-20034/0803 | 10/13/76 | 10 | 8778 | 3009N 05508E | 41.7 | 136.9 | GGFG | | |
| 2630-06014 | 00000/0000 | 2-20034/0804 | 10/13/76 | 0 | 8778 | 2843N 05444E | 42.6 | 135.6 | GGGG | | |
| 2630-06021 | 00000/0000 | 2-20034/0805 | 10/13/76 | 10 | 8778 | 2717N 05421E | 43.4 | 134.4 | GGFG | | |
| 2630-07364 | 00000/0000 | 2-20034/0686 | 10/13/76 | 60 | 8779 | 5704N 04010E | 22.6 | 156.1 | G | | |
| 2630-07370 | 00000/0000 | 2-20034/0687 | 10/13/76 | 60 | 8779 | 5541N 03919E | 23.7 | 155.1 | FGGG | | |
| 2630-07373 | 00000/0000 | 2-20034/0688 | 10/13/76 | 100 | 8779 | 5417N 03831E | 24.8 | 154.1 | FFFG | | |
| 2630-07375 | 00000/0000 | 2-20034/0689 | 10/13/76 | 90 | 8779 | 5253N 03746E | 25.9 | 153.1 | FGGG | | |
| 2630-07382 | 00000/0000 | 2-20034/0690 | 10/13/76 | 100 | 8779 | 5128N 03704E | 26.9 | 152.2 | GFGG | | |
| 2630-07384 | 00000/0000 | 2-20034/0691 | 10/13/76 | 100 | 8779 | 5004N 03624E | 28.0 | 151.2 | GGGG | | |
| 2630-07391 | 00000/0000 | 2-20034/0692 | 10/13/76 | 90 | 8779 | 4840N 03545E | 29.1 | 150.3 | GGGG | | |
| 2630-07393 | 00000/0000 | 2-20034/0693 | 10/13/76 | 90 | 8779 | 4714N 03508E | 30.1 | 149.4 | GGGG | | |
| 2630-07400 | 00000/0000 | 2-20034/0694 | 10/13/76 | 80 | 8779 | 4548N 03434E | 31.2 | 148.4 | GGGF | | |
| 2630-07402 | 00000/0000 | 2-20034/0695 | 10/13/76 | 40 | 8779 | 4423N 03401E | 32.2 | 147.5 | GGGG | | |

H
H
H

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
OF POOR QUALITY

14:51 NOV 11, '76

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0054

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|---------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2630-13115 | 00000/0000 | 2-20034/0696 | 10/13/76 | 30 | 8782 | 3008S | 06259W | 45.3 | 68.9 | GGGG | | |
| 2630-13122 | 00000/0000 | 2-20034/0697 | 10/13/76 | 20 | 8782 | 3134S | 06324W | 44.5 | 67.8 | FFGG | | |
| 2630-13124 | 00000/0000 | 2-20034/0698 | 10/13/76 | 30 | 8782 | 3259S | 06349W | 43.7 | 66.8 | GGGG | | |
| 2630-13131 | 00000/0000 | 2-20034/0699 | 10/13/76 | 60 | 8782 | 3425S | 06415W | 42.9 | 65.9 | FFGG | | |
| 2630-13133 | 00000/0000 | 2-20034/0700 | 10/13/76 | 90 | 8782 | 3550S | 06441W | 42.1 | 65.0 | FFGG | | |
| 2630-13140 | 00000/0000 | 2-20034/0701 | 10/13/76 | 100 | 8782 | 3715S | 06509W | 41.2 | 64.2 | FFGG | | |
| 2630-14312 | 00000/0000 | 2-20034/0730 | 10/13/76 | 90 | 8783 | 5130N | 06612W | 26.8 | 152.3 | GGGG | | |
| 2630-14315 | 00000/0000 | 2-20034/0731 | 10/13/76 | 90 | 8783 | 5005N | 06652W | 27.9 | 151.3 | GGGG | | |
| 2630-14321 | 00000/0000 | 2-20034/0732 | 10/13/76 | 90 | 8783 | 4840N | 06730W | 29.0 | 150.4 | GGGG | | |
| 2630-14362 | 00000/0000 | 2-20034/0733 | 10/13/76 | 60 | 8783 | 3428N | 07239W | 38.9 | 140.4 | GGGG | | |
| 2630-14365 | 00000/0000 | 2-20034/0734 | 10/13/76 | 40 | 8783 | 3302N | 07305W | 39.9 | 139.3 | GGG | | |
| 2630-14371 | 00000/0000 | 2-20034/0735 | 10/13/76 | 30 | 8783 | 3136N | 07330W | 40.8 | 138.2 | GGG | | |
| 2630-16150 | 00000/0000 | 2-20034/0955 | 10/13/76 | 70 | 8784 | 5005N | 09240W | 27.9 | 151.3 | G | | |
| 2630-23324 | 00000/0000 | 2-20034/0702 | 10/13/76 | 50 | 8788 | 3423S | 14051E | 43.0 | 66.0 | GGGG | | |
| 2630-23331 | 00000/0000 | 2-20034/0703 | 10/13/76 | 50 | 8788 | 3548S | 14024E | 42.2 | 65.1 | GGGG | | |
| 2631-01142 | 00000/0000 | 2-20034/0704 | 10/14/76 | 20 | 8789 | 2843S | 11641E | 46.2 | 70.2 | GGGG | | |
| 2631-01144 | 00000/0000 | 2-20034/0705 | 10/14/76 | 30 | 8789 | 3008S | 11617E | 45.4 | 69.1 | GGGG | | |
| 2631-01151 | 00000/0000 | 2-20034/0706 | 10/14/76 | 40 | 8789 | 3134S | 11552E | 44.7 | 68.0 | GGGG | | |
| 2631-02391 | 00000/0000 | 2-20034/0832 | 10/14/76 | 70 | 8790 | 3427N | 10638E | 38.8 | 140.6 | GGG | | |
| 2631-02394 | 00000/0000 | 2-20034/0833 | 10/14/76 | 80 | 8790 | 3302N | 10612E | 39.7 | 139.5 | GGGG | | |
| 2631-04184 | 00000/0000 | 2-20034/0834 | 10/14/76 | 90 | 8791 | 4719N | 08524E | 29.8 | 149.6 | GGGG | | |
| 2631-04191 | 00000/0000 | 2-20034/0835 | 10/14/76 | 70 | 8791 | 4554N | 08449E | 30.8 | 148.6 | GGGG | | |
| 2631-04193 | 00000/0000 | 2-20034/0836 | 10/14/76 | 10 | 8791 | 4429N | 08415E | 31.9 | 147.7 | GGGG | | |
| 2631-04241 | 00000/0000 | 2-20034/0837 | 10/14/76 | 10 | 8791 | 2849N | 07911E | 42.3 | 136.0 | GGGG | | |
| 2631-04243 | 00000/0000 | 2-20034/0838 | 10/14/76 | 0 | 8791 | 2723N | 07847E | 43.2 | 134.8 | GGGG | | |
| 2631-04250 | 00000/0000 | 2-20034/0839 | 10/14/76 | 0 | 8791 | 2557N | 07824E | 44.0 | 133.5 | GGGG | | |
| 2631-04252 | 00000/0000 | 2-20034/0840 | 10/14/76 | 0 | 8791 | 2431N | 07800E | 44.8 | 132.2 | GGGG | | |
| 2631-04255 | 00000/0000 | 2-20034/0841 | 10/14/76 | 0 | 8791 | 2304N | 07737E | 45.5 | 130.9 | GGGG | | |
| 2631-04261 | 00000/0000 | 2-20034/0842 | 10/14/76 | 0 | 8791 | 2138N | 07714E | 46.3 | 129.5 | GGGG | | |
| 2631-04264 | 00000/0000 | 2-20034/0843 | 10/14/76 | 0 | 8791 | 2012N | 07652E | 47.0 | 128.0 | GGGG | | |
| 2631-04270 | 00000/0000 | 2-20034/0844 | 10/14/76 | 0 | 8791 | 1845N | 07631E | 47.7 | 126.5 | GGGG | | |
| 2631-04273 | 00000/0000 | 2-20034/0845 | 10/14/76 | 10 | 8791 | 1719N | 07609E | 48.3 | 125.0 | GGGG | | |
| 2631-04275 | 00000/0000 | 2-20034/0846 | 10/14/76 | 10 | 8791 | 1553N | 07549E | 48.9 | 123.4 | GGGG | | |
| 2631-04282 | 00000/0000 | 2-20034/0847 | 10/14/76 | 60 | 8791 | 1426N | 07528E | 49.5 | 121.8 | GGGG | | |
| 2631-06045 | 00000/0000 | 2-20034/0659 | 10/14/76 | 60 | 8792 | 3722N | 05553E | 36.8 | 142.8 | GGGG | | |
| 2631-06061 | 00000/0000 | 2-20034/0660 | 10/14/76 | 0 | 8792 | 3305N | 05434E | 39.6 | 139.6 | FFGG | | |

KEYS: CLOUD COVER % 0 To 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14151 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0055

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|-----------------|------------------------------------|-------------------------------------|--------------|--------------|-----------------------|---------------------|----------------------|
| 2631-06063 | 00000/0000 | 2-20034/0715 | 10/14/76 | 10 | 5792 | 3139N | 05409E | 40.5 | 138.4 | GGGG | | |
| 2631-06070 | 00000/0000 | 2-20034/0716 | 10/14/76 | 0 | 8792 | 3013N | 05344E | 41.4 | 137.3 | GGGG | | |
| 2631-06072 | 00000/0000 | 2-20034/0717 | 10/14/76 | 10 | 8792 | 2848N | 05320E | 42.3 | 136.1 | GGGG | | |
| 2631-06075 | 00000/0000 | 2-20034/0718 | 10/14/76 | 10 | 8792 | 2721N | 05256E | 43.1 | 134.8 | GGGG | | |
| 2631-07422 | 00000/0000 | 2-20034/0719 | 10/14/76 | 10 | 8793 | 5709N | 03844E | 22.2 | 156.3 | FGGG | | |
| 2631-07425 | 00000/0000 | 2-20034/0720 | 10/14/76 | 0 | 8793 | 5545N | 03754E | 23.3 | 155.3 | GGGG | | |
| 2631-07431 | 00000/0000 | 2-20034/0721 | 10/14/76 | 20 | 8793 | 5421N | 03707E | 24.4 | 154.3 | GGGG | | |
| 2631-07434 | 00000/0000 | 2-20034/0722 | 10/14/76 | 90 | 8793 | 5257N | 03622E | 25.5 | 153.4 | GGGG | | |
| 2631-07440 | 00000/0000 | 2-20034/0723 | 10/14/76 | 100 | 8793 | 5133N | 03540E | 26.5 | 152.4 | FGGG | | |
| 2631-07443 | 00000/0000 | 2-20034/0724 | 10/14/76 | 100 | 8793 | 5008N | 03500E | 27.6 | 151.5 | GGGG | | |
| 2631-07445 | 00000/0000 | 2-20034/0725 | 10/14/76 | 90 | 8793 | 4843N | 03422E | 28.7 | 150.5 | GGGG | | |
| 2631-07452 | 00000/0000 | 2-20034/0726 | 10/14/76 | 60 | 8793 | 4718N | 03346E | 29.7 | 149.6 | GGGG | | |
| 2631-07454 | 00000/0000 | 2-20034/0727 | 10/14/76 | 70 | 8793 | 4553N | 03311E | 30.8 | 148.7 | GGGG | | |
| 2631-13130 | 00000/0000 | 2-20034/0728 | 10/14/76 | 10 | 8796 | 3133S | 06450W | 44.8 | 68.2 | GGGG | | |
| 2631-13182 | 00000/0000 | 2-20034/0729 | 10/14/76 | 0 | 8796 | 3259S | 06515W | 44.0 | 67.2 | GGGG | | |
| 2631-14373 | 00000/0000 | 2-20034/0740 | 10/14/76 | 100 | 8797 | 5009N | 06816W | 27.5 | 151.5 | G | | |
| 2631-14375 | 00000/0000 | 2-20034/0741 | 10/14/76 | 100 | 8797 | 4845N | 06854W | 28.6 | 150.6 | FGGG | | |
| 2631-14432 | 00000/0000 | 2-20034/0742 | 10/14/76 | 40 | 8797 | 3014N | 07520W | 41.3 | 137.4 | GGGG | | |
| 2631-14434 | 00000/0000 | 2-20034/0743 | 10/14/76 | 30 | 8797 | 2848N | 07544W | 42.2 | 136.2 | GGGG | | |
| 2631-14441 | 00000/0000 | 2-20034/0744 | 10/14/76 | 30 | 8797 | 2722N | 07608W | 43.0 | 135.0 | GGGG | | |
| 2631-16202 | 00000/0000 | 2-20034/0830 | 10/14/76 | 90 | 8798 | 5134N | 09324W | 26.4 | 152.5 | FGGG | | |
| 2631-16204 | 00000/0000 | 2-20034/0831 | 10/14/76 | 80 | 8798 | 5010N | 09405W | 27.5 | 151.5 | GGGG | | |
| 2631-23382 | 00000/0000 | 2-20034/0661 | 10/14/76 | 70 | 8802 | 3422S | 13924E | 43.3 | 66.4 | GGGG | | |
| 2632-01200 | 00000/0000 | 2-20034/0662 | 10/15/76 | 0 | 8803 | 2842S | 11515E | 46.4 | 70.7 | GGGG | | |
| 2632-02434 | 00000/0000 | 2-20034/0666 | 10/15/76 | 10 | 8804 | 3845N | 10634E | 35.6 | 144.0 | FGGG | | |
| 2632-02441 | 00000/0000 | 2-20034/0667 | 10/15/76 | 50 | 8804 | 3720N | 10606E | 36.6 | 143.0 | FGGG | | |
| 2632-02443 | 00000/0000 | 2-20034/0668 | 10/15/76 | 80 | 8804 | 3555N | 10539E | 37.6 | 142.0 | GGGG | | |
| 2632-02450 | 00000/0000 | 2-20034/0669 | 10/15/76 | 90 | 8804 | 3430N | 10512E | 38.5 | 140.9 | GGGG | | |
| 2632-02452 | 00000/0000 | 2-20034/0670 | 10/15/76 | 90 | 8804 | 3304N | 10446E | 39.4 | 139.8 | GGGG | | |
| 2632-02455 | 00000/0000 | 2-20034/0671 | 10/15/76 | 90 | 8804 | 3139N | 10421E | 40.3 | 138.7 | GGGG | | |
| 2632-02461 | 00000/0000 | 2-20034/0672 | 10/15/76 | 100 | 8804 | 3013N | 10356E | 41.2 | 137.5 | GGGG | | |
| 2632-02464 | 00000/0000 | 2-20034/0673 | 10/15/76 | 90 | 8804 | 2847N | 10333E | 42.1 | 136.3 | GGGG | | |
| 2632-02470 | 00000/0000 | 2-20034/0674 | 10/15/76 | 90 | 8804 | 2720N | 10309E | 42.9 | 135.1 | GGGG | | |
| 2632-04252 | 00000/0000 | 2-20034/0624 | 10/15/76 | 10 | 8805 | 4429N | 08249E | 31.5 | 147.9 | FGGG | | |
| 2632-04254 | 00000/0000 | 2-20034/0625 | 10/15/76 | 10 | 8805 | 4305N | 08216E | 32.6 | 147.0 | FGGG | | |
| 2632-06104 | 00000/0000 | 2-20034/0806 | 10/15/76 | 10 | 8806 | 3723N | 05427E | 36.5 | 143.1 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR N9N-US
FROM 10/01/76 TO 10/31/76

PAGE 0056

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LANG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|---|--------------|--------------|-----------------------|---------------------|----------------------|
| 2632-06110 | 00000/0000 | 2-20034/0807 | 10/15/76 | 10 | 8806 | 3557N 05400E | 37.5 | 142.0 | GGGG | | |
| 2632-06113 | 00000/0000 | 2-20034/0808 | 10/15/76 | 10 | 8806 | 3431N 05334E | 38.4 | 141.0 | FGGG | | |
| 2632-06115 | 00000/0000 | 2-20034/0809 | 10/15/76 | 10 | 8806 | 3306N 05309E | 39.4 | 139.9 | GGGF | | |
| 2632-06122 | 00000/0000 | 2-20034/0810 | 10/15/76 | 10 | 8806 | 3140N 05243E | 40.3 | 138.8 | FGGG | | |
| 2632-06124 | 00000/0000 | 2-20034/0811 | 10/15/76 | 20 | 8806 | 3014N 05219E | 41.2 | 137.6 | GGGG | | |
| 2632-06131 | 00000/0000 | 2-20034/0812 | 10/15/76 | 10 | 8806 | 2848N 05155E | 42.0 | 136.4 | GGGG | | |
| 2632-07480 | 00000/0000 | 2-20034/0813 | 10/15/76 | 40 | 8807 | 5709N 03718E | 21.8 | 156.5 | FGGG | | |
| 2632-07483 | 00000/0000 | 2-20034/0814 | 10/15/76 | 20 | 8807 | 5545N 03627E | 22.9 | 155.5 | GGGG | | |
| 2632-07485 | 00000/0000 | 2-20034/0815 | 10/15/76 | 10 | 8807 | 5421N 03639E | 24.0 | 154.5 | GGGG | | |
| 2632-07492 | 00000/0000 | 2-20034/0816 | 10/15/76 | 10 | 8807 | 5257N 03455E | 25.1 | 153.5 | GGGG | | |
| 2632-07494 | 00000/0000 | 2-20034/0817 | 10/15/76 | 30 | 8807 | 5132N 03413E | 26.2 | 152.6 | FGGG | | |
| 2632-07501 | 00000/0000 | 2-20034/0818 | 10/15/76 | 90 | 8807 | 5008N 03333E | 27.3 | 151.7 | GGGG | | |
| 2632-07503 | 00000/0000 | 2-20034/0819 | 10/15/76 | 100 | 8807 | 4843N 03254E | 28.3 | 150.7 | GGGG | | |
| 2632-07510 | 00000/0000 | 2-20034/0820 | 10/15/76 | 100 | 8807 | 4718N 03218E | 29.4 | 149.8 | GGGG | | |
| 2632-07512 | 00000/0000 | 2-20034/0821 | 10/15/76 | 100 | 8807 | 4553N 03144E | 30.4 | 148.9 | GGGG | | |
| 2632-14431 | 00000/0000 | 2-20034/0848 | 10/15/76 | 90 | 8811 | 5006N 06944W | 27.2 | 151.7 | GGGG | | |
| 2632-14434 | 00000/0000 | 2-20034/0849 | 10/15/76 | 90 | 8811 | 4842N 07022W | 28.3 | 150.8 | GGGG | | |
| 2632-18092 | 00000/0000 | 2-20034/0922 | 10/15/76 | 10 | 8813 | 5131N 12042W | 26.1 | 152.6 | GGGG | | |
| 2632-23434 | 00000/0000 | 2-20034/0822 | 10/15/76 | 90 | 8816 | 3257S 13825E | 44.4 | 67.7 | GGGG | | |
| 2632-23441 | 00000/0000 | 2-20034/0823 | 10/15/76 | 80 | 8816 | 3422S 13758E | 43.6 | 66.7 | GGGG | | |
| 2633-01252 | 00000/0000 | 2-20034/0824 | 10/16/76 | 0 | 8817 | 2716S 11414E | 47.4 | 72.3 | FGFF | | |
| 2633-01254 | 00000/0000 | 2-20034/0825 | 10/16/76 | 0 | 8817 | 2841S 11350E | 46.7 | 71.1 | FFFF | | |
| 2633-02495 | 00000/0000 | 2-20034/0851 | 10/16/76 | 10 | 8818 | 3720N 10439E | 36.3 | 143.3 | GGGG | | |
| 2633-02513 | 00000/0000 | 2-20034/0852 | 10/16/76 | 20 | 8818 | 3138N 10255E | 40.0 | 139.0 | GGGG | | |
| 2633-04301 | 00000/0000 | 2-20034/0626 | 10/16/76 | 60 | 8819 | 4716N 08230E | 29.1 | 149.9 | FGGG | | |
| 2633-04303 | 00000/0000 | 2-20034/0627 | 10/16/76 | 30 | 8819 | 4551N 08155E | 30.2 | 149.0 | FGGG | | |
| 2633-04310 | 00000/0000 | 2-20034/0628 | 10/16/76 | 10 | 8819 | 4426N 08121E | 31.2 | 148.1 | FGGG | | |
| 2633-04312 | 00000/0000 | 2-20034/0629 | 10/16/76 | 0 | 8819 | 4301N 08048E | 32.3 | 147.2 | GGGG | | |
| 2633-04315 | 00000/0000 | 2-20034/0630 | 10/16/76 | 0 | 8819 | 4136N 08017E | 33.3 | 146.2 | GGGG | | |
| 2633-04321 | 00000/0000 | 2-20034/0631 | 10/16/76 | 10 | 8819 | 4012N 07947E | 34.3 | 145.3 | GGGG | | |
| 2633-04344 | 00000/0000 | 2-20034/0632 | 10/16/76 | 10 | 8819 | 3138N 07706E | 40.0 | 139.0 | FGGG | | |
| 2633-04351 | 00000/0000 | 2-20034/0633 | 10/16/76 | 10 | 8819 | 3012N 07642E | 40.9 | 137.9 | FGGG | | |
| 2633-04353 | 00000/0000 | 2-20034/0634 | 10/16/76 | 10 | 8819 | 2846N 07618E | 41.8 | 136.7 | FGGG | | |
| 2633-04360 | 00000/0000 | 2-20034/0635 | 10/16/76 | 0 | 8819 | 2721N 07554E | 42.7 | 135.5 | GGGG | | |
| 2633-04362 | 00000/0000 | 2-20034/0636 | 10/16/76 | 0 | 8819 | 2554N 07530E | 43.5 | 134.3 | GGGG | | |
| 2633-04365 | 00000/0000 | 2-20034/0637 | 10/16/76 | 0 | 8819 | 2428N 07507E | 44.3 | 133.0 | FGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0057

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|---|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2633-04371 | 00000/0000 | 2-20034/0638 | 10/16/76 | 10 | 8819 | 2302N 07444E | 45.1 | 131.7 | GGGG | | |
| 2633-04374 | 00000/0000 | 2-20034/0854 | 10/16/76 | 10 | 8819 | 2135N 07422E | 45.8 | 130.3 | GGGG | | |
| 2633-04380 | 00000/0000 | 2-20034/0855 | 10/16/76 | 10 | 8819 | 2008N 07359E | 46.6 | 128.9 | GGGG | | |
| 2633-04383 | 00000/0000 | 2-20034/0856 | 10/16/76 | 10 | 8819 | 1842N 07338E | 47.3 | 127.4 | FFGG | | |
| 2633-04385 | 00000/0000 | 2-20034/0857 | 10/16/76 | 0 | 8819 | 1716N 07317E | 47.9 | 125.9 | GGGG | | |
| 2633-06173 | 00000/0000 | 2-20034/0858 | 10/16/76 | 20 | 8820 | 3302N 05141E | 39.1 | 140.2 | FFFF | | |
| 2633-06180 | 00000/0000 | 2-20034/0859 | 10/16/76 | 20 | 8820 | 3136N 05115E | 40.0 | 139.0 | GGGG | | |
| 2633-06182 | 00000/0000 | 2-20034/0860 | 10/16/76 | 10 | 8820 | 3010N 05051E | 40.9 | 137.9 | GGGG | | |
| 2633-06185 | 00000/0000 | 2-20034/0861 | 10/16/76 | 10 | 8820 | 2844N 05026E | 41.8 | 136.7 | GGGG | | |
| 2633-07535 | 00000/0000 | 2-20034/0862 | 10/16/76 | 90 | 8821 | 5706N 03552E | 21.5 | 156.6 | GGGG | | |
| 2633-07541 | 00000/0000 | 2-20034/0863 | 10/16/76 | 80 | 8821 | 5541N 03502E | 22.6 | 155.6 | GGGG | | |
| 2633-07544 | 00000/0000 | 2-20034/0864 | 10/16/76 | 60 | 8821 | 5417N 03414E | 23.7 | 154.6 | GGGG | | |
| 2633-07550 | 00000/0000 | 2-20034/0865 | 10/16/76 | 50 | 8821 | 5253N 03330E | 24.8 | 153.6 | GGGG | | |
| 2633-07553 | 00000/0000 | 2-20034/0866 | 10/16/76 | 30 | 8821 | 5130N 03249E | 25.9 | 152.7 | GGGG | | |
| 2633-07555 | 00000/0000 | 2-20034/0867 | 10/16/76 | 10 | 8821 | 5005N 03209E | 27.0 | 151.8 | GGGG | | |
| 2633-07562 | 00000/0000 | 2-20034/0868 | 10/16/76 | 60 | 8821 | 4840N 03130E | 28.0 | 150.9 | GGGG | | |
| 2633-07564 | 00000/0000 | 2-20034/0869 | 10/16/76 | 100 | 8821 | 4715N 03053E | 29.1 | 150.0 | GGGG | | |
| 2633-07571 | 00000/0000 | 2-20034/0870 | 10/16/76 | 100 | 8821 | 4550N 03018E | 30.2 | 149.0 | GGGG | | |
| 2633-14483 | 00000/0000 | 2-20034/0826 | 10/16/76 | 90 | 8825 | 5131N 07028W | 25.8 | 152.8 | GGGG | | |
| 2633-14485 | 00000/0000 | 2-20034/0827 | 10/16/76 | 90 | 8825 | 5007N 07108W | 26.9 | 151.9 | GGGG | | |
| 2633-14492 | 00000/0000 | 2-20034/0828 | 10/16/76 | 80 | 8825 | 4842N 07148W | 27.9 | 150.9 | GGGG | | |
| 2633-18180 | 00000/0000 | 2-20034/0850 | 10/16/76 | 60 | 8827 | 4135N 12613W | 33.1 | 146.4 | GGGG | | |
| 2633-23492 | 00000/0000 | 2-20034/0871 | 10/16/76 | 90 | 8830 | 3259S 13657E | 44.7 | 68.1 | GGGG | | |
| 2633-23495 | 00000/0000 | 2-20034/0872 | 10/16/76 | 90 | 8830 | 3423S 13631E | 43.9 | 67.1 | GGGG | | |
| 2634-02553 | 00000/0000 | 2-20034/0639 | 10/17/76 | 20 | 8832 | 3721N 10314E | 36.0 | 143.5 | GGGG | | |
| 2634-02555 | 00000/0000 | 2-20034/0640 | 10/17/76 | 60 | 8832 | 3556N 10247E | 37.0 | 142.5 | GGGG | | |
| 2634-04364 | 00000/0000 | 2-20034/0641 | 10/17/76 | 90 | 8833 | 4426N 07954E | 30.9 | 148.3 | GGGG | | |
| 2634-04382 | 00000/0000 | 2-20034/0642 | 10/17/76 | 20 | 8833 | 3846N 07750E | 35.0 | 144.5 | GGGG | | |
| 2634-04400 | 00000/0000 | 2-20034/0643 | 10/17/76 | 0 | 8833 | 3304N 07605E | 38.8 | 140.4 | FFFF | | |
| 2634-04403 | 00000/0000 | 2-20034/0644 | 10/17/76 | 0 | 8833 | 3138N 07540E | 39.8 | 139.3 | GGGG | | |
| 2634-04405 | 00000/0000 | 2-20034/0645 | 10/17/76 | 0 | 8833 | 3012N 07515E | 40.7 | 138.2 | GGGG | | |
| 2634-04414 | 00000/0000 | 2-20034/0646 | 10/17/76 | 0 | 8833 | 2720N 07427E | 42.4 | 135.9 | GGGG | | |
| 2634-04423 | 00000/0000 | 2-20034/0647 | 10/17/76 | 0 | 8833 | 2428N 07341E | 44.1 | 133.4 | GGGG | | |
| 2634-04430 | 00000/0000 | 2-20034/0648 | 10/17/76 | 0 | 8833 | 2301N 07318E | 44.8 | 132.1 | GGGG | | |
| 2634-04432 | 00000/0000 | 2-20034/0649 | 10/17/76 | 10 | 8833 | 2135N 07256E | 45.6 | 130.7 | GGGG | | |
| 2634-04435 | 00000/0000 | 2-20034/0650 | 10/17/76 | 20 | 8833 | 2009N 07234E | 46.4 | 129.3 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN=US
FROM 10/01/76 TO 10/31/76

PAGE 0058

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | SBRIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT OF IMAGE LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|-----------------|------------------------------------|-------------------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2634-07595 | 00000/0000 | 2-20034/0874 | 10/17/76 | 90 | 8835 | 5541N | 03335E | 22.3 | 155.7 | GGGG | | |
| 2634-08002 | 00000/0000 | 2-20034/0875 | 10/17/76 | 90 | 8835 | 5418N | 03248E | 23.4 | 154.7 | GGGG | | |
| 2634-08004 | 00000/0000 | 2-20034/0876 | 10/17/76 | 30 | 8835 | 5254N | 03203E | 24.5 | 153.8 | GGGG | | |
| 2634-08011 | 00000/0000 | 2-20034/0877 | 10/17/76 | 10 | 8835 | 5130N | 03120E | 25.6 | 152.9 | GGGG | | |
| 2634-08013 | 00000/0000 | 2-20034/0878 | 10/17/76 | 20 | 8835 | 5005N | 03039E | 26.6 | 152.0 | FFFF | | |
| 2634-08020 | 00000/0000 | 2-20034/0879 | 10/17/76 | 10 | 8835 | 4841N | 03001E | 27.7 | 151.1 | FFFF | | |
| 2634-08022 | 00000/0000 | 2-20034/0880 | 10/17/76 | 30 | 8835 | 4716N | 02925E | 28.8 | 150.2 | FFGG | | |
| 2634-08025 | 00000/0000 | 2-20034/0881 | 10/17/76 | 90 | 8835 | 4552N | 02850E | 29.8 | 149.2 | GGGG | | |
| 2634-23550 | 00000/0000 | 2-20034/0882 | 10/17/76 | 50 | 8844 | 3257S | 13531E | 44.9 | 68.5 | G | | |
| 2634-23553 | 00000/0000 | 2-20034/0883 | 10/17/76 | 60 | 8844 | 3422S | 13506E | 44.1 | 67.5 | GGGG | | |
| 2635-03005 | 00000/0000 | 2-20034/0884 | 10/18/76 | 0 | 8846 | 3846N | 10215E | 34.7 | 144.8 | GGGG | | |
| 2635-03011 | 00000/0000 | 2-20034/0885 | 10/18/76 | 10 | 8846 | 3721N | 10148E | 35.7 | 143.8 | GGGG | | |
| 2635-04425 | 00000/0000 | 2-20034/0886 | 10/18/76 | 80 | 8847 | 4302N | 07755E | 31.6 | 147.6 | FFGG | | |
| 2635-04431 | 00000/0000 | 2-20034/0887 | 10/18/76 | 80 | 8847 | 4137N | 07724E | 32.7 | 146.7 | GGGG | | |
| 2635-04445 | 00000/0000 | 2-20034/0888 | 10/18/76 | 0 | 8847 | 3554N | 07529E | 36.6 | 142.8 | GGGG | | |
| 2635-04452 | 00000/0000 | 2-20034/0889 | 10/18/76 | 0 | 8847 | 3429N | 07503E | 37.6 | 141.8 | GGGG | | |
| 2635-04454 | 00000/0000 | 2-20034/0890 | 10/18/76 | 10 | 8847 | 3303N | 07437E | 38.5 | 140.7 | GGGG | | |
| 2635-04461 | 00000/0000 | 2-20034/0891 | 10/18/76 | 0 | 8847 | 3137N | 07412E | 39.5 | 139.7 | GGGG | | |
| 2635-04463 | 00000/0000 | 2-20034/0892 | 10/18/76 | 0 | 8847 | 3011N | 07348E | 40.4 | 138.5 | GGGG | | |
| 2635-04470 | 00000/0000 | 2-20034/0893 | 10/18/76 | 0 | 8847 | 2845N | 07324E | 41.3 | 137.4 | GGGG | | |
| 2635-04472 | 00000/0000 | 2-20034/0894 | 10/18/76 | 0 | 8847 | 2719N | 07301E | 42.1 | 136.2 | GGGG | | |
| 2635-04475 | 00000/0000 | 2-20034/0895 | 10/18/76 | 0 | 8847 | 2554N | 07237E | 43.0 | 135.0 | GGGG | | |
| 2635-04481 | 00000/0000 | 2-20034/0896 | 10/18/76 | 0 | 8847 | 2428N | 07215E | 43.8 | 133.8 | GGGG | | |
| 2635-04484 | 00000/0000 | 2-20034/0897 | 10/18/76 | 0 | 8847 | 2301N | 07152E | 44.6 | 132.5 | FFGG | | |
| 2635-04490 | 00000/0000 | 2-20034/0898 | 10/18/76 | 0 | 8847 | 2135N | 07130E | 45.4 | 131.1 | GGGF | | |
| 2635-06265 | 00000/0000 | 2-20034/1077 | 10/18/76 | 90 | 8848 | 4011N | 05107E | 33.7 | 145.8 | GGGG | | |
| 2635-08060 | 00000/0000 | 2-20034/1078 | 10/18/76 | 20 | 8849 | 5418N | 03120E | 23.0 | 154.9 | GGGG | | |
| 2635-08062 | 00000/0000 | 2-20034/1079 | 10/18/76 | 10 | 8849 | 5254N | 03035E | 24.1 | 154.0 | GGGG | | |
| 2635-08065 | 00000/0000 | 2-20034/1080 | 10/18/76 | 10 | 8849 | 5130N | 02953E | 25.2 | 153.0 | GGGG | | |
| 2635-08071 | 00000/0000 | 2-20034/1081 | 10/18/76 | 30 | 8849 | 5006N | 02913E | 26.3 | 152.1 | GGGG | | |
| 2635-08074 | 00000/0000 | 2-20034/1082 | 10/18/76 | 70 | 8849 | 4841N | 02835E | 27.4 | 151.2 | FFGG | | |
| 2635-08080 | 00000/0000 | 2-20034/1083 | 10/18/76 | 90 | 8849 | 4716N | 02758E | 28.4 | 150.3 | FFGG | | |
| 2635-08083 | 00000/0000 | 2-20034/1084 | 10/18/76 | 100 | 8849 | 4551N | 02723E | 29.5 | 149.4 | FFGG | | |
| 2635-15002 | 00000/0000 | 2-20034/0853 | 10/18/76 | 90 | 8853 | 5001N | 07404W | 26.3 | 152.1 | GGGG | | |
| 2635-18274 | 00000/0000 | 2-20034/0873 | 10/18/76 | 0 | 8855 | 4717N | 12653W | 28.3 | 150.4 | FFGF | | |
| 2636-00002 | 00000/0000 | 2-20034/1085 | 10/19/76 | 90 | 8858 | 3135S | 13430E | 45.9 | 69.9 | PPFG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NNN-US
FROM 10/01/76 TO 10/31/76

PAGE 0059

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL OF IMAGE LAT | PRINT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV | MSS MSS DATA MODE | MSS MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|------------------------------|---------------|--------------|--------------|-------------------|-------------------------|--------------------------|
| 2636-00005 | 00000/0000 | 2-20034/1086 | 10/19/76 | 50 | 8868 | 3259S | 13405E | 45.1 | 68.8 | FFGG | | |
| 2636-03063 | 00000/0000 | 2-20034/1096 | 10/19/76 | 10 | 8860 | 3844N | 10048E | 34.4 | 145.0 | GGG | | |
| 2636-04483 | 00000/0000 | 2-20034/1097 | 10/19/76 | 80 | 8861 | 4303N | 07630E | 31.3 | 147.8 | GGGG | | |
| 2636-04485 | 00000/0000 | 2-20034/1098 | 10/19/76 | 30 | 8861 | 4138N | 07559E | 32.3 | 146.9 | GGGG | | |
| 2636-04492 | 00000/0000 | 2-20034/1099 | 10/19/76 | 10 | 8861 | 4012N | 07528E | 33.4 | 146.0 | GGGG | | |
| 2636-04494 | 00000/0000 | 2-20034/1100 | 10/19/76 | 10 | 8861 | 3847N | 07459E | 34.4 | 145.0 | GGGG | | |
| 2636-04501 | 00000/0000 | 2-20034/1101 | 10/19/76 | 10 | 8861 | 3721N | 07431E | 35.4 | 144.1 | GGGG | | |
| 2636-04503 | 00000/0000 | 2-20034/1102 | 10/19/76 | 10 | 8861 | 3555N | 07404E | 36.3 | 143.1 | GGGG | | |
| 2636-04510 | 00000/0000 | 2-20034/1103 | 10/19/76 | 10 | 8861 | 3429N | 07338E | 37.3 | 142.1 | GGGG | | |
| 2636-04512 | 00000/0000 | 2-20034/0899 | 10/19/76 | 0 | 8861 | 3303N | 07312E | 38.3 | 141.0 | FGGG | | |
| 2636-04515 | 00000/0000 | 2-20034/0900 | 10/19/76 | 10 | 8861 | 3138N | 07247E | 39.2 | 140.0 | FGGG | | |
| 2636-04521 | 00000/0000 | 2-20034/0901 | 10/19/76 | 10 | 8861 | 3011N | 07222E | 40.1 | 138.9 | GGGG | | |
| 2636-04535 | 00000/0000 | 2-20034/0902 | 10/19/76 | 0 | 8861 | 2428N | 07049E | 43.6 | 134.1 | FGGG | | |
| 2636-04542 | 00000/0000 | 2-20034/0903 | 10/19/76 | 0 | 8861 | 2302N | 07026E | 44.4 | 132.9 | FGGG | | |
| 2636-04544 | 00000/0000 | 2-20034/0904 | 10/19/76 | 10 | 8861 | 2136N | 07004E | 45.2 | 131.5 | GGGG | | |
| 2636-06324 | 00000/0000 | 2-20034/0905 | 10/19/76 | 100 | 8862 | 4011N | 04939E | 33.3 | 146.0 | FGGG | | |
| 2636-06330 | 00000/0000 | 2-20034/0906 | 10/19/76 | 100 | 8862 | 3845N | 04910E | 34.4 | 145.0 | FGGG | | |
| 2636-08114 | 00000/0000 | 2-20034/0907 | 10/19/76 | 10 | 8863 | 5421N | 02957E | 22.6 | 155.1 | FGGG | | |
| 2636-08121 | 00000/0000 | 2-20034/0908 | 10/19/76 | 10 | 8863 | 5257N | 02912E | 23.7 | 154.1 | FGGG | | |
| 2636-08123 | 00000/0000 | 2-20034/0909 | 10/19/76 | 10 | 8863 | 5133N | 02830E | 24.8 | 153.2 | FGGG | | |
| 2636-08130 | 00000/0000 | 2-20034/0910 | 10/19/76 | 50 | 8863 | 5008N | 02750E | 25.9 | 152.3 | FGGG | | |
| 2636-08132 | 00000/0000 | 2-20034/0911 | 10/19/76 | 90 | 8863 | 4843N | 02711E | 27.0 | 151.4 | FGGF | | |
| 2636-08135 | 00000/0000 | 2-20034/0912 | 10/19/76 | 90 | 8863 | 4718N | 02635E | 28.1 | 150.6 | GGGF | | |
| 2637-03115 | 00000/0000 | 2-20034/1104 | 10/20/76 | 0 | 8874 | 4010N | 09951E | 33.1 | 146.2 | GGGG | | |
| 2637-03121 | 00000/0000 | 2-20034/1105 | 10/20/76 | 0 | 8874 | 3845N | 09923E | 34.1 | 145.2 | GGGG | | |
| 2637-04541 | 00000/0000 | 2-20034/1106 | 10/20/76 | 90 | 8875 | 4302N | 07503E | 31.0 | 148.0 | GGGG | | |
| 2637-05000 | 00000/0000 | 2-20034/1107 | 10/20/76 | 10 | 8875 | 2302N | 06900E | 44.1 | 133.2 | GGGG | | |
| 2637-06375 | 00000/0000 | 2-20034/1087 | 10/20/76 | 90 | 8876 | 4139N | 04847E | 32.0 | 147.2 | GGGG | | |
| 2637-06382 | 00000/0000 | 2-20034/1088 | 10/20/76 | 90 | 8876 | 4014N | 04817E | 33.0 | 146.2 | GGFG | | |
| 2637-06384 | 00000/0000 | 2-20034/1089 | 10/20/76 | 80 | 8876 | 3849N | 04747E | 34.0 | 145.3 | GGFG | | |
| 2637-08170 | 00000/0000 | 2-20034/1090 | 10/20/76 | 90 | 8877 | 5544N | 02919E | 21.2 | 156.1 | GGGG | | |
| 2637-08172 | 00000/0000 | 2-20034/1091 | 10/20/76 | 30 | 8877 | 5420N | 02832E | 22.3 | 155.2 | GGGG | | |
| 2637-08175 | 00000/0000 | 2-20034/1092 | 10/20/76 | 20 | 8877 | 5256N | 02747E | 23.4 | 154.3 | GGGG | | |
| 2637-08181 | 00000/0000 | 2-20034/1093 | 10/20/76 | 10 | 8877 | 5132N | 02705E | 24.5 | 153.4 | GGGG | | |
| 2637-08184 | 00000/0000 | 2-20034/1094 | 10/20/76 | 20 | 8877 | 5008N | 02624E | 25.6 | 152.5 | GGGG | | |
| 2637-08190 | 00000/0000 | 2-20034/1095 | 10/20/76 | 10 | 8877 | 4843N | 02545E | 26.7 | 151.6 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
OF POOR QUALITY

14:51 NOV 11, '76

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0060

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|------------------|----------------|-----------------|------------------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2637-13274 | 00000/0000 | 2-20034/0913 | 10/20/76 | 80 | 8880 | 5255N | 04940W | 23.4 154.3 | GGGG | |
| 2637-13280 | 00000/0000 | 2-20034/0914 | 10/20/76 | 80 | 8880 | 5131N | 05023W | 24.5 153.4 | GGGG | |
| 2637-13283 | 00000/0000 | 2-20034/0915 | 10/20/76 | 60 | 8880 | 5007N | 05103W | 25.5 152.5 | GGGG | |
| 2637-13285 | 00000/0000 | 2-20034/0916 | 10/20/76 | 70 | 8880 | 4843N | 05142W | 26.6 151.6 | GGGG | |
| 2637-13292 | 00000/0000 | 2-20034/0917 | 10/20/76 | 60 | 8880 | 4718N | 05219W | 27.7 150.7 | GGGG | |
| 2637-13294 | 00000/0000 | 2-20034/0918 | 10/20/76 | 40 | 8880 | 4553N | 05254W | 28.8 149.9 | FGGG | |
| 2637-13301 | 00000/0000 | 2-20034/0919 | 10/20/76 | 30 | 8880 | 4428N | 05328W | 29.8 149.0 | FGGG | |
| 2637-13303 | 00000/0000 | 2-20034/0920 | 10/20/76 | 60 | 8880 | 4303N | 05400W | 30.9 148.1 | GGGG | |
| 2637-13310 | 00000/0000 | 2-20034/0921 | 10/20/76 | 60 | 8880 | 4138N | 05431W | 31.9 147.2 | GGGG | |
| 2638-01350 | 00000/0000 | 2-20034/0961 | 10/21/76 | 0 | 8887 | 3720N | 12319E | 34.8 144.5 | GGGG | |
| 2638-01364 | 00000/0000 | 2-20034/0962 | 10/21/76 | 10 | 8887 | 3138N | 12133E | 38.7 140.5 | FGGG | |
| 2638-01371 | 00000/0000 | 2-20034/0963 | 10/21/76 | 0 | 8887 | 3013N | 12109E | 39.6 139.4 | GGGG | |
| 2638-01373 | 00000/0000 | 2-20034/0964 | 10/21/76 | 10 | 8887 | 2847N | 12045E | 40.5 138.3 | GGGG | |
| 2638-01380 | 00000/0000 | 2-20034/0923 | 10/21/76 | 10 | 8887 | 2721N | 12022E | 41.4 137.2 | GGGG | |
| 2638-03173 | 00000/0000 | 2-20034/0924 | 10/21/76 | 30 | 8888 | 4010N | 09826E | 32.8 146.4 | FGGG | |
| 2638-03175 | 00000/0000 | 2-20034/0925 | 10/21/76 | 30 | 8888 | 3846N | 09757E | 33.8 145.5 | GGGG | |
| 2638-03211 | 00000/0000 | 2-20034/0926 | 10/21/76 | 70 | 8888 | 2720N | 09431E | 41.4 137.2 | GGGG | |
| 2638-04595 | 00000/0000 | 2-20034/0927 | 10/21/76 | 30 | 8889 | 4301N | 07339E | 30.7 148.2 | GGGG | |
| 2638-06395 | 00000/0000 | 2-20034/0928 | 10/21/76 | 30 | 8890 | 5420N | 05254E | 22.0 155.3 | GGGG | |
| 2638-06401 | 00000/0000 | 2-20034/0929 | 10/21/76 | 50 | 8890 | 5257N | 05209E | 23.1 154.4 | GGGG | |
| 2638-06404 | 00000/0000 | 2-20034/0930 | 10/21/76 | 70 | 8890 | 5132N | 05127E | 24.2 153.5 | GGGG | |
| 2638-06422 | 00000/0000 | 2-20034/0931 | 10/21/76 | 30 | 8890 | 4553N | 04858E | 28.5 150.0 | GGGG | |
| 2638-06424 | 00000/0000 | 2-20034/0932 | 10/21/76 | 100 | 8890 | 4429N | 04824E | 29.6 149.1 | GGGG | |
| 2638-06431 | 00000/0000 | 2-20034/0933 | 10/21/76 | 90 | 8890 | 4304N | 04752E | 30.6 148.3 | GGGG | |
| 2638-06433 | 00000/0000 | 2-20034/0934 | 10/21/76 | 90 | 8890 | 4139N | 04721E | 31.7 147.4 | GGGG | |
| 2638-06440 | 00000/0000 | 2-20034/0935 | 10/21/76 | 90 | 8890 | 4014N | 04651E | 32.7 146.5 | GGGG | |
| 2638-06442 | 00000/0000 | 2-20034/0936 | 10/21/76 | 70 | 8890 | 3849N | 04622E | 33.7 145.5 | GGGG | |
| 2638-08230 | 00000/0000 | 2-20034/0937 | 10/21/76 | 20 | 8891 | 5420N | 02704E | 22.0 155.3 | G | |
| 2638-08233 | 00000/0000 | 2-20034/0938 | 10/21/76 | 10 | 8891 | 5256N | 02620E | 23.1 154.4 | GGGG | |
| 2638-08235 | 00000/0000 | 2-20034/0939 | 10/21/76 | 20 | 8891 | 5132N | 02537E | 24.2 153.5 | GGGG | |
| 2638-08242 | 00000/0000 | 2-20034/0940 | 10/21/76 | 70 | 8891 | 5008N | 02457E | 25.3 152.6 | GGGG | |
| 2638-08244 | 00000/0000 | 2-20034/0941 | 10/21/76 | 70 | 8891 | 4843N | 02418E | 26.4 151.8 | GGGG | |
| 2638-08251 | 00000/0000 | 2-20034/0942 | 10/21/76 | 20 | 8891 | 4719N | 02342E | 27.4 150.9 | GGGG | |
| 2638-12164 | 00000/0000 | 2-20034/0943 | 10/21/76 | 90 | 8893 | 3838S | 05117W | 42.6 65.9 | GGGG | |
| 2638-13325 | 00000/0000 | 2-20034/0983 | 10/21/76 | 90 | 8894 | 5419N | 05024W | 21.9 155.3 | FGGG | |
| 2638-13332 | 00000/0000 | 2-20034/0984 | 10/21/76 | 90 | 8894 | 5254N | 05108W | 23.0 154.4 | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

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LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

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| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS DATA IMAGE | MSS MODE | MSS GAIN |
|-------------------|--|--------------|------------------|----------------|-----------------|------------------------------------|--------|--------------|--------------|----------------------------------|-------------|-------------|
| | | | | | | | | | | 123 45678 | | |
| 2638-13334 | 00000/0000 | 2-20034/0985 | 10/21/76 | 40 | 8894 | 5130N | 05151W | 24.1 | 153.5 | GGGG | | |
| 2638-13341 | 00000/0000 | 2-20034/0986 | 10/21/76 | 10 | 8894 | 5006N | 05230W | 25.2 | 152.6 | GGGG | | |
| 2638-13343 | 00000/0000 | 2-20034/0987 | 10/21/76 | 50 | 8894 | 4842N | 05308W | 26.3 | 151.8 | GGGG | | |
| 2638-13350 | 00000/0000 | 2-20034/0988 | 10/21/76 | 70 | 8894 | 4717N | 05345W | 27.4 | 150.9 | GGGG | | |
| 2638-13352 | 00000/0000 | 2-20034/0989 | 10/21/76 | 90 | 8894 | 4553N | 05419W | 28.5 | 150.0 | GGGG | | |
| 2638-13355 | 00000/0000 | 2-20034/0990 | 10/21/76 | 80 | 8894 | 4428N | 05452W | 29.5 | 149.2 | GGGG | | |
| 2638-13361 | 00000/0000 | 2-20034/0991 | 10/21/76 | 70 | 8894 | 4303N | 05525W | 30.6 | 148.3 | GGGG | | |
| 2638-13364 | 00000/0000 | 2-20034/0992 | 10/21/76 | 70 | 8894 | 4137N | 05557W | 31.6 | 147.4 | GGGG | | |
| 2638-15172 | 00000/0000 | 2-20034/0993 | 10/21/76 | 90 | 8895 | 5006N | 07819W | 25.2 | 152.7 | GGGG | | |
| 2639-01404 | 00000/0000 | 2-20034/0944 | 10/22/76 | 50 | 8901 | 3720N | 12153E | 34.5 | 144.7 | GGGG | | |
| 2639-01411 | 00000/0000 | 2-20034/0945 | 10/22/76 | 40 | 8901 | 3555N | 12126E | 35.5 | 143.8 | FGGF | | |
| 2639-01413 | 00000/0000 | 2-20034/0946 | 10/22/76 | 10 | 8901 | 3430N | 12059E | 36.5 | 142.8 | GGGG | | |
| 2639-01420 | 00000/0000 | 2-20034/0947 | 10/22/76 | 10 | 8901 | 3305N | 12033E | 37.4 | 141.8 | GGGG | | |
| 2639-01422 | 00000/0000 | 2-20034/0948 | 10/22/76 | 90 | 8901 | 3139N | 12008E | 38.4 | 140.8 | GGGG | | |
| 2639-01425 | 00000/0000 | 2-20034/0949 | 10/22/76 | 100 | 8901 | 3014N | 11943E | 39.3 | 139.7 | GGGG | | |
| 2639-01431 | 00000/0000 | 2-20034/0950 | 10/22/76 | 100 | 8901 | 2848N | 11919E | 40.2 | 138.7 | GGGG | | |
| 2639-01434 | 00000/0000 | 2-20034/0951 | 10/22/76 | 100 | 8901 | 2722N | 11855E | 41.1 | 137.6 | GGGG | | |
| 2639-01440 | 00000/0000 | 2-20034/0952 | 10/22/76 | 100 | 8901 | 2555N | 11832E | 42.0 | 136.4 | GGGG | | |
| 2639-01443 | 00000/0000 | 2-20034/0953 | 10/22/76 | 100 | 8901 | 2428N | 11809E | 42.8 | 135.2 | GGGG | | |
| 2639-03231 | 00000/0000 | 2-20034/0954 | 10/22/76 | 40 | 8902 | 4011N | 09701E | 32.5 | 146.6 | FGGG | | |
| 2639-05053 | 00000/0000 | 2-20034/1007 | 10/22/76 | 30 | 8903 | 4304N | 07213E | 30.3 | 148.4 | GGGG | | |
| 2639-05060 | 00000/0000 | 2-20034/1008 | 10/22/76 | 10 | 8903 | 4139N | 07142E | 31.4 | 147.6 | FGGG | | |
| 2639-05062 | 00000/0000 | 2-20034/1009 | 10/22/76 | 30 | 8903 | 4013N | 07112E | 32.4 | 146.7 | GGGG | | |
| 2639-06453 | 00000/0000 | 2-20034/1010 | 10/22/76 | 10 | 8904 | 5421N | 05131E | 21.7 | 155.4 | GGGG | | |
| 2639-06460 | 00000/0000 | 2-20034/1011 | 10/22/76 | 10 | 8904 | 5257N | 05046E | 22.8 | 154.5 | GGGG | | |
| 2639-06462 | 00000/0000 | 2-20034/1012 | 10/22/76 | 10 | 8904 | 5133N | 05003E | 23.9 | 153.6 | GGGG | | |
| 2639-06480 | 00000/0000 | 2-20034/1013 | 10/22/76 | 90 | 8904 | 4554N | 04732E | 28.2 | 150.2 | GGGG | | |
| 2639-06483 | 00000/0000 | 2-20034/1014 | 10/22/76 | 90 | 8904 | 4429N | 04658E | 29.3 | 149.3 | GGGG | | |
| 2639-06485 | 00000/0000 | 2-20034/0994 | 10/22/76 | 90 | 8904 | 4304N | 04625E | 30.3 | 148.4 | GGG | | |
| 2639-06492 | 00000/0000 | 2-20034/0995 | 10/22/76 | 60 | 8904 | 4139N | 04554E | 31.3 | 147.6 | GGGG | | |
| 2639-06494 | 00000/0000 | 2-20034/0996 | 10/22/76 | 40 | 8904 | 4014N | 04524E | 32.4 | 146.7 | GGGG | | |
| 2639-06501 | 00000/0000 | 2-20034/0997 | 10/22/76 | 40 | 8904 | 3848N | 04455E | 33.4 | 145.8 | GGGG | | |
| 2639-06503 | 00000/0000 | 2-20034/0998 | 10/22/76 | 20 | 8904 | 3723N | 04426E | 34.4 | 144.8 | GGGG | | |
| 2639-06510 | 00000/0000 | 2-20034/0999 | 10/22/76 | 10 | 8904 | 3558N | 04359E | 35.4 | 143.9 | GGGG | | |
| 2639-08285 | 00000/0000 | 2-20034/1000 | 10/22/76 | 10 | 8905 | 5420N | 02538E | 21.6 | 155.4 | GGGG | | |
| 2639-08291 | 00000/0000 | 2-20034/1001 | 10/22/76 | 60 | 8905 | 5256N | 02453E | 22.7 | 154.5 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 10/01/76 TO 10/31/76

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| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|---|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2639-08294 | 00000/0000 | 2-20034/1002 | 10/22/76 | 80 | 8905 | 5132N 02412E | 23.8 | 153.7 | GGGG | | |
| 2639-08300 | 00000/0000 | 2-20034/1003 | 10/22/76 | 90 | 8905 | 5008N 02332E | 24.9 | 152.8 | GGGG | | |
| 2639-08303 | 00000/0000 | 2-20034/1004 | 10/22/76 | 90 | 8905 | 4843N 02253E | 26.0 | 151.9 | GGGG | | |
| 2639-12181 | 00000/0000 | 2-20034/1005 | 10/22/76 | 80 | 8907 | 2422S 04830W | 49.9 | 78.0 | GGGG | | |
| 2639-12192 | 00000/0000 | 2-20034/1006 | 10/22/76 | 20 | 8907 | 2840S 04939W | 48.1 | 73.8 | FFFF | | |
| 2639-13383 | 00000/0000 | 2-20034/1035 | 10/22/76 | 90 | 8908 | 5418N 05150W | 21.6 | 155.4 | GGGG | | |
| 2639-13390 | 00000/0000 | 2-20034/1036 | 10/22/76 | 90 | 8908 | 5254N 05235W | 22.7 | 154.5 | GGGG | | |
| 2639-13392 | 00000/0000 | 2-20034/1037 | 10/22/76 | 100 | 8908 | 5130N 05317W | 23.8 | 153.7 | GGGG | | |
| 2639-13395 | 00000/0000 | 2-20034/1038 | 10/22/76 | 90 | 8908 | 5006N 05357W | 24.9 | 152.8 | GGGG | | |
| 2639-13401 | 00000/0000 | 2-20034/1039 | 10/22/76 | 80 | 8908 | 4841N 05435W | 26.0 | 151.9 | GGGG | | |
| 2639-13404 | 00000/0000 | 2-20034/1040 | 10/22/76 | 80 | 8908 | 4717N 05511W | 27.1 | 151.1 | GGGG | | |
| 2639-13410 | 00000/0000 | 2-20034/1041 | 10/22/76 | 30 | 8908 | 4552N 05546W | 28.1 | 150.2 | GGGG | | |
| 2639-13413 | 00000/0000 | 2-20034/1042 | 10/22/76 | 70 | 8908 | 4427N 05620W | 29.2 | 149.3 | GGGG | | |
| 2639-13415 | 00000/0000 | 2-20034/1043 | 10/22/76 | 90 | 8908 | 4302N 05652W | 30.2 | 148.5 | GGGG | | |
| 2639-13422 | 00000/0000 | 2-20034/1044 | 10/22/76 | 100 | 8908 | 4137N 05723W | 31.3 | 147.6 | GGGG | | |
| 2639-17042 | 00000/0000 | 2-20034/1045 | 10/22/76 | 80 | 8910 | 5705N 10150W | 19.3 | 157.3 | FFG | | |
| 2639-17044 | 00000/0000 | 2-20034/1046 | 10/22/76 | 60 | 8910 | 5541N 10240W | 20.4 | 156.4 | FFFG | | |
| 2639-17051 | 00000/0000 | 2-20034/1047 | 10/22/76 | 70 | 8910 | 5418N 10328W | 21.5 | 155.5 | FFFG | | |
| 2639-17053 | 00000/0000 | 2-20034/1048 | 10/22/76 | 100 | 8910 | 5253N 10412W | 22.7 | 154.6 | FFFF | | |
| 2639-17060 | 00000/0000 | 2-20034/1049 | 10/22/76 | 60 | 8910 | 5129N 10455W | 23.8 | 153.7 | FFFG | | |
| 2640-01463 | 00000/0000 | 2-20034/1015 | 10/23/76 | 70 | 8915 | 3720N 12027E | 34.2 | 145.0 | GGGG | | |
| 2640-01465 | 00000/0000 | 2-20034/1016 | 10/23/76 | 60 | 8915 | 3555N 11959E | 35.2 | 144.0 | GGGG | | |
| 2640-01472 | 00000/0000 | 2-20034/1017 | 10/23/76 | 60 | 8915 | 3429N 11933E | 36.2 | 143.1 | GGGG | | |
| 2640-01474 | 00000/0000 | 2-20034/1018 | 10/23/76 | 90 | 8915 | 3303N 11907E | 37.1 | 142.1 | GGGG | | |
| 2640-01481 | 00000/0000 | 2-20034/1019 | 10/23/76 | 90 | 8915 | 3138N 11842E | 38.1 | 141.1 | GGGG | | |
| 2640-01483 | 00000/0000 | 2-20034/1020 | 10/23/76 | 90 | 8915 | 3012N 11817E | 39.0 | 140.0 | GGGG | | |
| 2640-01490 | 00000/0000 | 2-20034/1021 | 10/23/76 | 90 | 8915 | 2846N 11753E | 40.0 | 138.9 | GGGG | | |
| 2640-03285 | 00000/0000 | 2-20034/1022 | 10/23/76 | 0 | 8916 | 4010N 09533E | 32.1 | 146.8 | FFFG | | |
| 2640-03330 | 00000/0000 | 2-20034/1023 | 10/23/76 | 60 | 8916 | 2553N 09115E | 41.7 | 136.7 | GGGG | | |
| 2640-05112 | 00000/0000 | 2-20034/0965 | 10/23/76 | 10 | 8917 | 4304N 07048E | 30.0 | 148.6 | GGGG | | |
| 2640-05114 | 00000/0000 | 2-20034/0966 | 10/23/76 | 60 | 8917 | 4139N 07017E | 31.1 | 147.7 | GGGG | | |
| 2640-05121 | 00000/0000 | 2-20034/0967 | 10/23/76 | 80 | 8917 | 4013N 06947E | 32.1 | 146.9 | FFGG | | |
| 2640-06500 | 00000/0000 | 2-20034/0968 | 10/23/76 | 90 | 8918 | 5831N 05236E | 18.0 | 158.4 | GGGG | | |
| 2640-06502 | 00000/0000 | 2-20034/0969 | 10/23/76 | 90 | 8918 | 5708N 05142E | 19.1 | 157.4 | GGGG | | |
| 2640-06505 | 00000/0000 | 2-20034/0970 | 10/23/76 | 80 | 8918 | 5544N 05051E | 20.2 | 156.5 | GGGG | | |
| 2640-06511 | 00000/0000 | 2-20034/0971 | 10/23/76 | 10 | 8918 | 5421N 05003E | 21.3 | 155.5 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 76

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0063

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|-----------------|------------------------------------|--------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2640-06514 | 00000/0000 | 2-20034/0972 | 10/23/76 | 10 | 8918 | 5257N | 04919E | 22.4 | 154.7 | GGGG | | |
| 2640-06520 | 00000/0000 | 2-20034/0973 | 10/23/76 | 10 | 8918 | 5133N | 04836E | 23.5 | 153.8 | GGGG | | |
| 2640-06523 | 00000/0000 | 2-20034/0974 | 10/23/76 | 10 | 8918 | 5008N | 04755E | 24.6 | 152.9 | GGGG | | |
| 2640-06532 | 00000/0000 | 2-20034/0975 | 10/23/76 | 80 | 8918 | 4718N | 04639E | 26.8 | 151.2 | GGGG | | |
| 2640-06534 | 00000/0000 | 2-20034/0976 | 10/23/76 | 90 | 8918 | 4554N | 04604E | 27.9 | 150.4 | GGGG | | |
| 2640-06541 | 00000/0000 | 2-20034/0977 | 10/23/76 | 90 | 8918 | 4429N | 04531E | 28.9 | 149.5 | GGGG | | |
| 2640-06543 | 00000/0000 | 2-20034/0978 | 10/23/76 | 60 | 8918 | 4304N | 04459E | 30.0 | 148.6 | GGGG | | |
| 2640-06550 | 00000/0000 | 2-20034/0979 | 10/23/76 | 60 | 8918 | 4139N | 04428E | 31.0 | 147.8 | GGGG | | |
| 2640-06552 | 00000/0000 | 2-20034/0980 | 10/23/76 | 20 | 8918 | 4014N | 04358E | 32.1 | 146.9 | GGGG | | |
| 2640-06555 | 00000/0000 | 2-20034/0981 | 10/23/76 | 20 | 8918 | 3848N | 04329E | 33.1 | 146.0 | GGGG | | |
| 2640-06561 | 00000/0000 | 2-20034/0982 | 10/23/76 | 10 | 8918 | 3723N | 04301E | 34.1 | 145.0 | GGGG | | |
| 2640-08325 | 00000/0000 | 2-20034/1064 | 10/23/76 | 80 | 8919 | 5953N | 02742E | 16.8 | 159.4 | FGGG | | |
| 2640-08331 | 00000/0000 | 2-20034/1065 | 10/23/76 | 90 | 8919 | 5830N | 02645E | 17.9 | 158.4 | GGGG | | |
| 2640-08334 | 00000/0000 | 2-20034/1066 | 10/23/76 | 80 | 8919 | 5708N | 02552E | 19.1 | 157.4 | FFGG | | |
| 2640-08340 | 00000/0000 | 2-20034/1067 | 10/23/76 | 80 | 8919 | 5544N | 02501E | 20.2 | 156.5 | FGGG | | |
| 2640-08343 | 00000/0000 | 2-20034/1068 | 10/23/76 | 90 | 8919 | 5421N | 02413E | 21.3 | 155.6 | FGGG | | |
| 2640-08345 | 00000/0000 | 2-20034/1069 | 10/23/76 | 60 | 8919 | 5256N | 02328E | 22.4 | 154.7 | FGGG | | |
| 2640-12231 | 00000/0000 | 2-20034/1070 | 10/23/76 | 30 | 8921 | 2132S | 04912W | 51.0 | 81.6 | GGGG | | |
| 2640-12233 | 00000/0000 | 2-20034/1071 | 10/23/76 | 50 | 8921 | 2257S | 04934W | 50.6 | 80.0 | GGGG | | |
| 2640-12240 | 00000/0000 | 2-20034/1072 | 10/23/76 | 50 | 8921 | 2423S | 04957W | 50.0 | 78.5 | GGGG | | |
| 2640-12242 | 00000/0000 | 2-20034/1073 | 10/23/76 | 30 | 8921 | 2548S | 05019W | 49.5 | 77.0 | GGGG | | |
| 2640-12245 | 00000/0000 | 2-20034/1074 | 10/23/76 | 30 | 8921 | 2714S | 05042W | 48.9 | 75.6 | FFFF | | |
| 2640-12251 | 00000/0000 | 2-20034/1075 | 10/23/76 | 40 | 8921 | 2839S | 05106W | 48.3 | 74.3 | FFFF | | |
| 2640-12254 | 00000/0000 | 2-20034/1076 | 10/23/76 | 90 | 8921 | 3005S | 05130W | 47.6 | 73.0 | FFFF | | |
| 2640-13435 | 00000/0000 | 2-20034/1024 | 10/23/76 | 90 | 8922 | 5542N | 05229W | 20.1 | 156.5 | GGGG | | |
| 2640-13442 | 00000/0000 | 2-20034/1025 | 10/23/76 | 90 | 8922 | 5418N | 05316W | 21.3 | 155.6 | GGGG | | |
| 2640-13444 | 00000/0000 | 2-20034/1026 | 10/23/76 | 70 | 8922 | 5254N | 05401W | 22.4 | 154.7 | GGGG | | |
| 2640-13451 | 00000/0000 | 2-20034/1027 | 10/23/76 | 40 | 8922 | 5130N | 05444W | 23.5 | 153.8 | GGGG | | |
| 2640-13453 | 00000/0000 | 2-20034/1028 | 10/23/76 | 40 | 8922 | 5005N | 05524W | 24.6 | 152.9 | GGGG | | |
| 2640-13460 | 00000/0000 | 2-20034/1029 | 10/23/76 | 60 | 8922 | 4841N | 05602W | 25.7 | 152.1 | GGGG | | |
| 2640-13462 | 00000/0000 | 2-20034/1030 | 10/23/76 | 30 | 8922 | 4717N | 05638W | 26.7 | 151.2 | FGGG | | |
| 2640-13465 | 00000/0000 | 2-20034/1031 | 10/23/76 | 10 | 8922 | 4552N | 05713W | 27.8 | 150.4 | FGGG | | |
| 2640-13471 | 00000/0000 | 2-20034/1032 | 10/23/76 | 20 | 8922 | 4426N | 05746W | 28.9 | 149.5 | FGGG | | |
| 2640-13474 | 00000/0000 | 2-20034/1033 | 10/23/76 | 50 | 8922 | 4301N | 05818W | 29.9 | 148.7 | FFGG | | |
| 2640-13480 | 00000/0000 | 2-20034/1034 | 10/23/76 | 80 | 8922 | 4137N | 05849W | 31.0 | 147.8 | GGGG | | |
| 2640-17064 | 00000/0000 | 2-20034/0956 | 10/23/76 | 70 | 8924 | 6758N | 09337W | 9.9 | 167.1 | FGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NBN-US
FROM 10/01/76 TO 10/31/76

PAGE 0064

| OBSERVATION ID | MICROFILM POSITION RBV | ROLL NO./ IN ROLL MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE | | SUN ELEV. | SUN AZIM. | IMAGE-QUAL | | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|------------------------------|-----------------------------|------------------|----------------|-----------------|-----------------------------|--------|--------------|--------------|------------|-------|---------------------|----------------------|
| | | | | | | LAT | LONG | | | 123 | 45678 | | |
| 2640-17070 | 00000/0000 | 2-20034/0957 | 10/23/76 | 80 | 8924 | 6639N | 09515W | 11.0 | 165.6 | | GGGG | | |
| 2640-17073 | 00000/0000 | 2-20034/0958 | 10/23/76 | 70 | 8924 | 6519N | 09642W | 12.2 | 164.2 | | GGGG | | |
| 2640-17075 | 00000/0000 | 2-20034/0959 | 10/23/76 | 50 | 8924 | 6358N | 09802W | 13.3 | 162.8 | | GGGG | | |
| 2640-17082 | 00000/0000 | 2-20034/0960 | 10/23/76 | 90 | 8924 | 6236N | 09915W | 14.5 | 161.6 | | GGGG | | |
| 2640-17100 | 00000/0000 | 2-20034/1136 | 10/23/76 | 90 | 8924 | 5705N | 10317W | 19.0 | 157.4 | | GGGG | | |
| 2640-17102 | 00000/0000 | 2-20034/1137 | 10/23/76 | 70 | 8924 | 5542N | 10408W | 20.1 | 156.5 | | GGGG | | |
| 2640-17105 | 00000/0000 | 2-20034/1138 | 10/23/76 | 50 | 8924 | 5418N | 10455W | 21.2 | 155.6 | | GGGG | | |
| 2640-17111 | 00000/0000 | 2-20034/1139 | 10/23/76 | 80 | 8924 | 5254N | 10539W | 22.3 | 154.7 | | GGGG | | |
| 2640-17114 | 00000/0000 | 2-20034/1140 | 10/23/76 | 80 | 8924 | 5129N | 10622W | 23.4 | 153.8 | | GGGG | | |
| 2640-17175 | 00000/0000 | 2-20034/1141 | 10/23/76 | 20 | 8924 | 3012N | 11405W | 38.9 | 140.2 | | GGGG | | |
| 2641-01544 | 00000/0000 | 2-20034/1124 | 10/24/76 | 100 | 8929 | 2846N | 11626E | 39.7 | 139.2 | | GGGG | | |
| 2641-01550 | 00000/0000 | 2-20034/1125 | 10/24/76 | 90 | 8929 | 2720N | 11603E | 40.6 | 138.1 | | GGGG | | |
| 2641-01553 | 00000/0000 | 2-20034/1126 | 10/24/76 | 90 | 8929 | 2554N | 11540E | 41.5 | 137.0 | | GGGG | | |
| 2641-03343 | 00000/0000 | 2-20034/1127 | 10/24/76 | 0 | 8930 | 4009N | 09407E | 31.8 | 147.0 | | FFGG | | |
| 2641-03384 | 00000/0000 | 2-20034/1128 | 10/24/76 | 60 | 8930 | 2552N | 08949E | 41.5 | 137.0 | | GGGG | | |
| 2641-05175 | 00000/0000 | 2-20034/1129 | 10/24/76 | 90 | 8931 | 4013N | 06820E | 31.8 | 147.1 | | GGGG | | |
| 2641-05181 | 00000/0000 | 2-20034/1130 | 10/24/76 | 90 | 8931 | 3847N | 06751E | 32.8 | 146.2 | | FFGG | | |
| 2641-05184 | 00000/0000 | 2-20034/1131 | 10/24/76 | 70 | 8931 | 3722N | 06722E | 33.8 | 145.3 | | FFGG | | |
| 2641-06565 | 00000/0000 | 2-20034/1132 | 10/24/76 | 70 | 8932 | 5420N | 04835E | 21.0 | 155.7 | | GGGG | | |
| 2641-06572 | 00000/0000 | 2-20034/1108 | 10/24/76 | 90 | 8932 | 5256N | 04750E | 22.1 | 154.8 | | FFGG | | |
| 2641-06574 | 00000/0000 | 2-20034/1109 | 10/24/76 | 80 | 8932 | 5132N | 04708E | 23.2 | 153.9 | | GGGG | | |
| 2641-06581 | 00000/0000 | 2-20034/1110 | 10/24/76 | 90 | 8932 | 5008N | 04628E | 24.3 | 153.0 | | GGGG | | |
| 2641-06583 | 00000/0000 | 2-20034/1111 | 10/24/76 | 80 | 8932 | 4843N | 04550E | 25.4 | 152.2 | | FFGG | | |
| 2641-06590 | 00000/0000 | 2-20034/1050 | 10/24/76 | 100 | 8932 | 4719N | 04513E | 26.5 | 151.4 | | GGGG | | |
| 2641-06592 | 00000/0000 | 2-20034/1051 | 10/24/76 | 100 | 8932 | 4554N | 04438E | 27.6 | 150.5 | | GGGG | | |
| 2641-06595 | 00000/0000 | 2-20034/1052 | 10/24/76 | 90 | 8932 | 4429N | 04404E | 28.6 | 149.7 | | GGGG | | |
| 2641-07001 | 00000/0000 | 2-20034/1053 | 10/24/76 | 60 | 8932 | 4304N | 04332E | 29.7 | 148.8 | | GGGG | | |
| 2641-08395 | 00000/0000 | 2-20034/1054 | 10/24/76 | 90 | 8933 | 5543N | 02333E | 19.9 | 156.6 | | FFGG | | |
| 2641-08401 | 00000/0000 | 2-20034/1055 | 10/24/76 | 30 | 8933 | 5420N | 02246E | 21.0 | 155.7 | | FFGG | | |
| 2641-12282 | 00000/0000 | 2-20034/1056 | 10/24/76 | 10 | 8935 | 2006S | 05016W | 51.6 | 83.8 | | GGGG | | |
| 2641-12285 | 00000/0000 | 2-20034/1057 | 10/24/76 | 10 | 8935 | 2132S | 05037W | 51.2 | 82.1 | | PPPP | | |
| 2641-12291 | 00000/0000 | 2-20034/1058 | 10/24/76 | 10 | 8935 | 2258S | 05059W | 50.7 | 80.5 | | FFFF | | |
| 2641-12294 | 00000/0000 | 2-20034/1059 | 10/24/76 | 10 | 8935 | 2424S | 05122W | 50.2 | 79.0 | | FFFF | | |
| 2641-12300 | 00000/0000 | 2-20034/1060 | 10/24/76 | 20 | 8935 | 2550S | 05144W | 49.7 | 77.5 | | GGGG | | |
| 2641-12303 | 00000/0000 | 2-20034/1061 | 10/24/76 | 60 | 8935 | 2716S | 05207W | 49.1 | 76.1 | | GGGG | | |
| 2641-12305 | 00000/0000 | 2-20034/1062 | 10/24/76 | 30 | 8935 | 2841S | 05231W | 48.5 | 74.7 | | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

14:51 V9V 11.176

LANDSAT-2
OBSERVATION ID LISTING
FOR N9N+US
FROM 10/01/76 TO 10/31/76

PAGE 0065

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | ORBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | PRINCIPAL POINT LONG | SUN ELEV. | SUN AZIM. | IMAGE-QUAL RBV MSS 123 45678 | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|-----------------|------------------------------------|-------------------------|--------------|--------------|------------------------------------|---------------------|----------------------|
| 2641-12312 | 00000/0000 | 2-20034/1063 | 10/24/76 | 30 | 8935 | 3006S | 05256W | 47.8 | 73.4 | PPPP | | |
| 2641-13500 | 00000/0000 | 2-20034/1170 | 10/24/76 | 60 | 8936 | 5417N | 05440W | 20.9 | 155.7 | GFGG | | |
| 2641-13502 | 00000/0000 | 2-20034/1171 | 10/24/76 | 30 | 8936 | 5254N | 05525W | 22.0 | 154.8 | GGGG | | |
| 2641-13505 | 00000/0000 | 2-20034/1172 | 10/24/76 | 30 | 8936 | 5130N | 05607W | 23.1 | 153.9 | GGGG | | |
| 2641-13511 | 00000/0000 | 2-20034/1173 | 10/24/76 | 60 | 8936 | 5005N | 05648W | 24.2 | 153.1 | GGGG | | |
| 2641-13514 | 00000/0000 | 2-20034/1174 | 10/24/76 | 60 | 8936 | 4841N | 05726W | 25.3 | 152.2 | GGGG | | |
| 2641-13520 | 00000/0000 | 2-20034/1175 | 10/24/76 | 40 | 8936 | 4716N | 05803W | 26.4 | 151.4 | GGGG | | |
| 2641-13523 | 00000/0000 | 2-20034/1176 | 10/24/76 | 50 | 8936 | 4551N | 05838W | 27.5 | 150.5 | GGGG | | |
| 2641-13525 | 00000/0000 | 2-20034/1177 | 10/24/76 | 50 | 8936 | 4426N | 05911W | 28.6 | 149.7 | GGGG | | |
| 2641-13532 | 00000/0000 | 2-20034/1178 | 10/24/76 | 60 | 8936 | 4302N | 05943W | 29.6 | 148.8 | GGGG | | |
| 2641-13534 | 00000/0000 | 2-20034/1179 | 10/24/76 | 80 | 8936 | 4136N | 06015W | 30.7 | 148.0 | GGGG | | |
| 2641-15344 | 00000/0000 | 2-20034/1180 | 10/24/76 | 80 | 8937 | 4934N | 08251W | 24.6 | 152.8 | GGGG | | |
| 2641-17122 | 00000/0000 | 2-20034/1144 | 10/24/76 | 100 | 8938 | 6758N | 09504W | 9.5 | 167.2 | GFGG | | |
| 2641-17125 | 00000/0000 | 2-20034/1145 | 10/24/76 | 90 | 8938 | 6638N | 09640W | 10.7 | 165.6 | GGGG | | |
| 2641-17131 | 00000/0000 | 2-20034/1146 | 10/24/76 | 80 | 8938 | 6518N | 09809W | 11.8 | 164.2 | GGGG | | |
| 2641-17134 | 00000/0000 | 2-20034/1147 | 10/24/76 | 70 | 8938 | 6357N | 09929W | 13.0 | 162.9 | GGGG | | |
| 2641-17140 | 00000/0000 | 2-20034/1148 | 10/24/76 | 50 | 8938 | 6235N | 10042W | 14.1 | 161.7 | GGGG | | |
| 2641-17145 | 00000/0000 | 2-20034/1149 | 10/24/76 | 90 | 8938 | 5951N | 10252W | 16.4 | 159.5 | GGGG | | |
| 2641-17152 | 00000/0000 | 2-20034/1150 | 10/24/76 | 80 | 8938 | 5828N | 10351W | 17.5 | 158.5 | FGGG | | |
| 2641-17154 | 00000/0000 | 2-20034/1151 | 10/24/76 | 80 | 8938 | 5705N | 10445W | 18.6 | 157.5 | FGGG | | |
| 2641-17161 | 00000/0000 | 2-20034/1152 | 10/24/76 | 80 | 8938 | 5542N | 10535W | 19.8 | 156.6 | GGGG | | |
| 2641-17163 | 00000/0000 | 2-20034/1153 | 10/24/76 | 70 | 8938 | 5418N | 10622W | 20.9 | 155.7 | GGGG | | |
| 2641-17170 | 00000/0000 | 2-20034/1154 | 10/24/76 | 80 | 8938 | 5254N | 10706W | 22.0 | 154.8 | GGGG | | |
| 2641-17172 | 00000/0000 | 2-20034/1155 | 10/24/76 | 90 | 8938 | 5130N | 10748W | 23.1 | 153.9 | GFGG | | |
| 2641-17234 | 00000/0000 | 2-20034/1156 | 10/24/76 | 10 | 8938 | 3012N | 11530W | 38.6 | 140.5 | GGGG | | |
| 2642-01561 | 00000/0000 | 2-20034/1112 | 10/25/76 | 0 | 8943 | 4301N | 11933E | 29.5 | 148.9 | GFGG | | |
| 2642-01563 | 00000/0000 | 2-20034/1113 | 10/25/76 | 0 | 8943 | 4136N | 11902E | 30.5 | 148.1 | GGGG | | |
| 2642-01570 | 00000/0000 | 2-20034/1114 | 10/25/76 | 0 | 8943 | 4011N | 11831E | 31.6 | 147.2 | FGGG | | |
| 2642-01572 | 00000/0000 | 2-20034/1115 | 10/25/76 | 0 | 8943 | 3845N | 11802E | 32.6 | 146.3 | FGGF | | |
| 2642-01575 | 00000/0000 | 2-20034/1116 | 10/25/76 | 0 | 8943 | 3719N | 11734E | 33.6 | 145.4 | GFGG | | |
| 2642-01581 | 00000/0000 | 2-20034/1117 | 10/25/76 | 20 | 8943 | 3554N | 11708E | 34.6 | 144.5 | GGGG | | |
| 2642-01584 | 00000/0000 | 2-20034/1118 | 10/25/76 | 30 | 8943 | 3429N | 11642E | 35.6 | 143.5 | GFGG | | |
| 2642-01593 | 00000/0000 | 2-20034/1119 | 10/25/76 | 90 | 8943 | 3138N | 11551E | 37.5 | 141.6 | GGGG | | |
| 2642-01595 | 00000/0000 | 2-20034/1120 | 10/25/76 | 90 | 8943 | 3013N | 11526E | 38.5 | 140.6 | GGGG | | |
| 2642-02002 | 00000/0000 | 2-20034/1121 | 10/25/76 | 80 | 8943 | 2847N | 11502E | 39.4 | 139.5 | GGGG | | |
| 2642-02004 | 00000/0000 | 2-20034/1122 | 10/25/76 | 90 | 8943 | 2721N | 11438E | 40.3 | 138.4 | GGGG | | |

KEYS: CLOUD COVER % 0 TO 100 * X CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

ORIGINAL PAGE IS
OF POOR QUALITY

14:51 NOV 11, 1976

LANDSAT-2
OBSERVATION ID LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

PAGE 0066

| OBSERVATION ID | MICROFILM ROLL NO./ POSITION IN ROLL RBV | MSS | DATE ACQUIRED | CLOUD COVER | SRBIT NUMBER | PRINCIPAL POINT OF IMAGE LAT | LONG | SUN FLEV. | SUN AZIM. | IMAGE-QUAL RBV MSS | MSS DATA MODE | MSS IMAGE GAIN |
|-------------------|--|--------------|------------------|----------------|-----------------|------------------------------------|--------|--------------|--------------|-----------------------|------------------|-------------------|
| 2642-02011 | 00000/0000 | 2-20034/1123 | 10/25/76 | 90 | 8943 | 2555N | 11415E | 41.2 | 137.3 | GGGG | | |
| 2642-02013 | 00000/0000 | 2-20034/1142 | 10/25/76 | 90 | 8943 | 2429N | 11351E | 42.1 | 136.2 | GGG | | |
| 2642-02020 | 00000/0000 | 2-20034/1143 | 10/25/76 | 90 | 8943 | 2303N | 11328E | 42.9 | 135.0 | GGGG | | |
| 2642-03393 | 00000/0000 | 2-20034/1133 | 10/25/76 | 10 | 8944 | 4300N | 09342E | 29.4 | 148.9 | FGGG | | |
| 2642-03443 | 00000/0000 | 2-20034/1134 | 10/25/76 | 40 | 8944 | 2554N | 08824E | 41.2 | 137.3 | GGGG | | |
| 2642-03445 | 00000/0000 | 2-20034/1135 | 10/25/76 | 0 | 8944 | 2428N | 08801E | 42.1 | 136.2 | GGGG | | |
| 2642-13545 | 00000/0000 | 2-20034/1157 | 10/25/76 | 70 | 8950 | 5706N | 05429W | 18.4 | 157.6 | GGGG | | |
| 2642-13552 | 00000/0000 | 2-20034/1158 | 10/25/76 | 90 | 8950 | 5542N | 05520W | 19.5 | 156.7 | GGGG | | |
| 2642-13554 | 00000/0000 | 2-20034/1159 | 10/25/76 | 80 | 8950 | 5418N | 05607W | 20.6 | 155.8 | GGGG | | |
| 2642-13561 | 00000/0000 | 2-20034/1160 | 10/25/76 | 30 | 8950 | 5254N | 05652W | 21.7 | 154.9 | GGGG | | |
| 2642-13563 | 00000/0000 | 2-20034/1161 | 10/25/76 | 30 | 8950 | 5130N | 05733W | 22.8 | 154.0 | GGGG | | |
| 2642-13570 | 00000/0000 | 2-20034/1162 | 10/25/76 | 80 | 8950 | 5006N | 05813W | 23.9 | 153.2 | GGGG | | |
| 2642-13572 | 00000/0000 | 2-20034/1163 | 10/25/76 | 70 | 8950 | 4841N | 05851W | 25.0 | 152.4 | GGGG | | |
| 2642-13575 | 00000/0000 | 2-20034/1164 | 10/25/76 | 70 | 8950 | 4717N | 05927W | 26.1 | 151.5 | GGGG | | |
| 2642-13581 | 00000/0000 | 2-20034/1165 | 10/25/76 | 60 | 8950 | 4552N | 06003W | 27.2 | 150.7 | GGFG | | |
| 2642-13584 | 00000/0000 | 2-20034/1166 | 10/25/76 | 60 | 8950 | 4427N | 06038W | 28.2 | 149.8 | GGGG | | |
| 2642-13590 | 00000/0000 | 2-20034/1167 | 10/25/76 | 90 | 8950 | 4302N | 06111W | 29.3 | 149.0 | GGGG | | |
| 2642-13593 | 00000/0000 | 2-20034/1168 | 10/25/76 | 70 | 8950 | 4137N | 06142W | 30.4 | 148.2 | GGGG | | |
| 2642-15401 | 00000/0000 | 2-20034/1169 | 10/25/76 | 90 | 8951 | 5005N | 08404W | 23.9 | 153.2 | GGGG | | |
| 2643-14003 | 00000/0000 | 2-20034/1181 | 10/26/76 | 90 | 8964 | 5705N | 05558W | 18.0 | 157.7 | GGFG | | |
| 2643-14010 | 00000/0000 | 2-20034/1182 | 10/26/76 | 90 | 8964 | 5542N | 05648W | 19.1 | 156.8 | GGGG | | |
| 2643-14012 | 00000/0000 | 2-20034/1183 | 10/26/76 | 50 | 8964 | 5419N | 05735W | 20.3 | 155.9 | GGFG | | |
| 2643-14015 | 00000/0000 | 2-20034/1184 | 10/26/76 | 60 | 8964 | 5255N | 05820W | 21.4 | 155.0 | GGGG | | |
| 2643-14021 | 00000/0000 | 2-20034/1185 | 10/26/76 | 80 | 8964 | 5130N | 05902W | 22.5 | 154.2 | GGFG | | |
| 2643-14024 | 00000/0000 | 2-20034/1186 | 10/26/76 | 100 | 8964 | 5006N | 05942W | 23.6 | 153.3 | GGGG | | |
| 2643-14030 | 00000/0000 | 2-20034/1187 | 10/26/76 | 90 | 8964 | 4842N | 06020W | 24.7 | 152.5 | GGGG | | |
| 2643-14033 | 00000/0000 | 2-20034/1188 | 10/26/76 | 90 | 8964 | 4717N | 06057W | 25.8 | 151.7 | GGGG | | |
| 2643-14035 | 00000/0000 | 2-20034/1189 | 10/26/76 | 100 | 8964 | 4552N | 06132W | 26.9 | 150.8 | FGGG | | |
| 2643-14042 | 00000/0000 | 2-20034/1190 | 10/26/76 | 100 | 8964 | 4427N | 06205W | 27.9 | 150.0 | GGGG | | |
| 2643-14044 | 00000/0000 | 2-20034/1191 | 10/26/76 | 100 | 8964 | 4302N | 06237W | 29.0 | 149.2 | GGGG | | |
| 2643-14051 | 00000/0000 | 2-20034/1192 | 10/26/76 | 100 | 8964 | 4137N | 06308W | 30.1 | 148.3 | GGGG | | |
| 2643-15453 | 00000/0000 | 2-20034/1193 | 10/26/76 | 80 | 8965 | 5130N | 08449W | 22.5 | 154.2 | GGFG | | |
| 2643-15455 | 00000/0000 | 2-20034/1194 | 10/26/76 | 90 | 8965 | 5006N | 08530W | 23.6 | 153.3 | FFGG | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
 IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

LANDSAT 2 COORDINATE LISTING

14:51 NOV 11, '76

LANDSAT-2
COORDINATE LISTING
FOR NBN-US
FROM 10/01/76 TO 10/31/76

PAGE 0068

| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | | | |
|---------------------------|-------------------|------------|--------------------|---------------------------|-------------------|---------|--------------------|---------------------------|-------------------|---------|--------------------|------------|-----|------|
| LONG LAT | | | 12345678 | LONG LAT | | | 12345678 | LONG LAT | | | 12345678 | | | |
| 15133E | 2719S | 2606-22570 | 10 | GGGG | 14024E | 3548S | 2630-23331 | 50 | GGGG | 12112E | 3301S | 2627-00524 | 90 | GGGF |
| 15129E | 2721S | 2624-22562 | 0 | GGGG | 13925E | 3426S | 2613-23390 | 20 | G | 12111E | 3015N | 2620-01374 | 10 | GGGG |
| 15109E | 2844S | 2606-22572 | 10 | GGGG | 13924E | 3422S | 2631-23382 | 70 | GGGG | 12109E | 3013N | 2638-01371 | 0 | GGGG |
| 15106E | 2847S | 2624-22565 | 10 | GGGG | 13825E | 3257S | 2632-23434 | 90 | GGGG | 12059E | 3430N | 2639-01413 | 10 | GGGG |
| 15052E | 2424S | 2625-23011 | 10 | GGGG | 13825E | 3259S | 2614-23442 | 90 | GGGG | 12057E | 3430N | 2621-01421 | 20 | FFFG |
| 15044E | 3010S | 2606-22575 | 40 | GGGG | 13759E | 3424S | 2614-23444 | 90 | GGGG | 12045E | 2847N | 2638-01373 | 10 | GGGG |
| 15042E | 3012S | 2624-22571 | 30 | GGGG | 13758E | 3422S | 2632-23441 | 80 | GGGG | 12033E | 3305N | 2639-01420 | 10 | GGGG |
| 15029E | 2550S | 2625-23014 | 0 | GGGG | 13659E | 3302S | 2615-23500 | 50 | GGGG | 12027E | 3720N | 2640-01463 | 70 | GGGG |
| 15019E | 3136S | 2606-22581 | 50 | GGGG | 13657E | 3259S | 2633-23492 | 90 | GGGG | 12026E | 3721N | 2622-01470 | 90 | GGGG |
| 15017E | 3137S | 2624-22574 | 70 | GGGG | 13633E | 3427S | 2615-23502 | 30 | GGGG | 12022E | 2721N | 2638-01380 | 10 | GGGG |
| 15005E | 2715S | 2625-23020 | 10 | GGGG | 13631E | 3423S | 2633-23495 | 90 | GGGG | 12008E | 3139N | 2639-01422 | 90 | GGGG |
| 14954E | 3301S | 2606-22584 | 50 | GGGG | 13534E | 3256S | 2616-23554 | 30 | GGGG | 12007E | 3138N | 2621-01430 | 20 | GGGG |
| 14953E | 3302S | 2624-22580 | 80 | GGGG | 13531E | 3257S | 2634-23550 | 50 | G | 11959E | 3556N | 2622-01473 | 90 | GGGG |
| 14941E | 2841S | 2625-23023 | 30 | GGGG | 13508E | 3421S | 2616-23560 | 30 | GGGG | 11959E | 3555N | 2640-01465 | 60 | GGGG |
| 14917E | 3007S | 2625-23025 | 40 | GGGG | 13506E | 3422S | 2634-23553 | 60 | GGGG | 11943E | 3014N | 2639-01425 | 100 | GGGG |
| 14901E | 2553S | 2626-23072 | 0 | GGGG | 13433E | 3134S | 2618-00010 | 100 | GGGG | 11942E | 3012N | 2621-01433 | 30 | GGGG |
| 14853E | 3133S | 2625-23032 | 80 | GGGG | 13430E | 3135S | 2636-00002 | 90 | FFFG | 11933E | 4301N | 2642-01561 | 0 | FFGG |
| 14838E | 2719S | 2626-23075 | 20 | GGGG | 13408E | 3259S | 2618-00012 | 90 | GGGG | 11933E | 3429N | 2640-01472 | 60 | GGGG |
| 14828E | 3257S | 2625-23034 | 90 | GGGG | 13405E | 3259S | 2636-00005 | 50 | FFGG | 11932E | 3430N | 2622-01475 | 90 | FFFG |
| 14814E | 2844S | 2626-23081 | 30 | GGGG | 13141E | 3132S | 2620-00122 | 50 | FFGG | 11931E | 4302N | 2624-01565 | 10 | GGGG |
| 14802E | 3422S | 2625-23041 | 100 | GGGG | 12902E | 4849N | 2601-01271 | 20 | FFGG | 11927E | 3845N | 2623-01522 | 70 | GGGG |
| 14750E | 3009S | 2626-23084 | 20 | GGGG | 12825E | 4724N | 2601-01273 | 90 | GGGG | 11919E | 2848N | 2639-01431 | 100 | GGGG |
| 14735E | 3547S | 2625-23043 | 90 | GGGG | 12750E | 4559N | 2601-01280 | 100 | GGGG | 11918E | 2846N | 2621-01435 | 20 | GGFG |
| 14725E | 3134S | 2626-23090 | 20 | GGGG | 12716E | 4433N | 2601-01282 | 100 | GGGG | 11910E | 3007S | 2629-01032 | 90 | GGGG |
| 14659E | 3300S | 2626-23093 | 10 | GGGG | 12644E | 4308N | 2601-01285 | 90 | GGGG | 11907E | 3303N | 2640-01474 | 90 | GGGG |
| 14654E | 2301S | 2628-23180 | 40 | GGFG | 12613E | 4143N | 2601-01291 | 90 | GGGG | 11906E | 3304N | 2622-01482 | 80 | GGGG |
| 14634E | 3424S | 2626-23095 | 10 | GGGG | 12543E | 4017N | 2601-01294 | 70 | GGGG | 11902E | 4136N | 2642-01563 | 0 | GGGG |
| 14608E | 3549S | 2626-23102 | 20 | GGGG | 12319E | 3720N | 2638-01350 | 0 | GGGG | 11900E | 4137N | 2624-01571 | 10 | GGGG |
| 14541E | 3715S | 2626-23104 | 70 | GGGG | 12239E | 3258S | 2626-00470 | 50 | GGGG | 11859E | 3719N | 2623-01525 | 90 | GGGG |
| 14342E | 3426S | 2628-23212 | 10 | GGGG | 12153E | 3720N | 2639-01404 | 50 | GGGG | 11855E | 2722N | 2639-01434 | 100 | GGGG |
| 14315E | 3552S | 2628-23214 | 10 | GGGG | 12151E | 3721N | 2621-01412 | 10 | GGFF | 11854E | 2720N | 2621-01442 | 10 | GGGG |
| 14248E | 3716S | 2628-23221 | 30 | GGGG | 12137E | 3135S | 2627-00522 | 90 | FFGG | 11845E | 3132S | 2629-01034 | 30 | GGGG |
| 14216E | 3425S | 2629-23270 | 100 | GGGG | 12135E | 3140N | 2620-01372 | 40 | GGGG | 11842E | 3138N | 2640-01481 | 90 | GGGG |
| 14150E | 3551S | 2629-23272 | 90 | GGGG | 12133E | 3138N | 2638-01364 | 10 | FFGG | 11841E | 3139N | 2622-01484 | 60 | GGGG |
| 14123E | 3715S | 2629-23275 | 70 | GGGG | 12126E | 3555N | 2639-01411 | 40 | FFGG | 11832E | 3553N | 2623-01531 | 90 | GGGG |
| 14051E | 3423S | 2630-23324 | 50 | GGGG | 12124E | 3556N | 2621-01415 | 10 | FFGG | 11832E | 2555N | 2639-01440 | 100 | GGGG |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

14:51 NOV 11, 76

LANDSAT-2
COORDINATE LISTING
FOR N9N-US
FROM 10/01/76 TO 10/31/76

PAGE 0069

| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | | | |
|---------------------------|-------------------|------------|--------------------------------|---------------------------|-------------------|---------|--------------------------------|---------------------------|-------------------|---------|--------------------------------|------------|-----|------|
| 11832E | 2554N | 2621-01444 | 40 | GGGG | 11603E | 2720N | 2641-01550 | 90 | GGGG | 11343E | 3845N | 2627-02151 | 100 | GGGG |
| 11831E | 4011N | 2642-01570 | 0 | FGGG | 11602E | 2718N | 2623-01554 | 10 | GGGG | 11333E | 2843N | 2625-02064 | 90 | G GG |
| 11830E | 4012N | 2624-01574 | 20 | GGGG | 11552E | 3134S | 2631-01151 | 40 | GGGG | 11329E | 2301N | 2624-02024 | 50 | GGGG |
| 11820E | 3257S | 2629-01041 | 40 | GGGG | 11551E | 3138N | 2642-01593 | 90 | GGGG | 11328E | 2303N | 2642-02020 | 90 | GGGG |
| 11817E | 3012N | 2640-01483 | 90 | GGGG | 11549E | 3137N | 2624-02001 | 100 | GGGG | 11321E | 3305N | 2626-02111 | 10 | GGGG |
| 11816E | 3013N | 2622-01491 | 20 | GGGG | 11540E | 3552N | 2625-02044 | 0 | GGGG | 11315E | 3720N | 2627-02153 | 100 | GGGG |
| 11809E | 2428N | 2639-01443 | 100 | GGGG | 11540E | 2554N | 2641-01553 | 90 | GGGG | 11310E | 2718N | 2625-02071 | 100 | GGGG |
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| 11805E | 4259N | 2625-02023 | 30 | GGGG | 11539E | 2552N | 2623-01561 | 10 | PPPP | 11247E | 3554N | 2627-02160 | 100 | GGGG |
| 11802E | 3246N | 2624-01580 | 20 | FGGG | 11526E | 3013N | 2642-01595 | 90 | GGGG | 11246E | 2551N | 2625-02073 | 90 | FGGG |
| 11802E | 3845N | 2642-01572 | 0 | FGGG | 11524E | 3011N | 2624-02003 | 100 | FGGG | 11231E | 3013N | 2626-02120 | 10 | GGGG |
| 11755E | 3423S | 2629-01043 | 70 | GGGG | 11517E | 2842S | 2614-01203 | 50 | GGGG | 11220E | 3428N | 2627-02162 | 90 | GGGG |
| 11753E | 2846N | 2640-01490 | 90 | GGGG | 11515E | 2842S | 2632-01200 | 0 | GGGG | 11207E | 2848N | 2626-02122 | 50 | GGGG |
| 11752E | 2847N | 2622-01493 | 30 | FGGG | 11513E | 3426N | 2625-02050 | 10 | GGGG | 11154E | 3302N | 2627-02165 | 90 | GGGG |
| 11745E | 3010S | 2630-01090 | 20 | GGGG | 11510E | 3847N | 2626-02093 | 20 | GGGG | 11144E | 2722N | 2626-02125 | 90 | GGGG |
| 11740E | 3301N | 2623-01540 | 80 | GGGG | 11502E | 2847N | 2642-02002 | 80 | GGGG | 11121E | 4013N | 2629-02261 | 30 | F |
| 11734E | 4134N | 2625-02030 | 20 | GGGG | 11501E | 2845N | 2624-02010 | 90 | FGGG | 11121E | 2555N | 2626-02131 | 100 | GGGG |
| 11734E | 3720N | 2624-01583 | 10 | GGGG | 11453E | 3007S | 2614-01210 | 60 | GGGG | 11052E | 3847N | 2629-02263 | 10 | GGGG |
| 11734E | 3719N | 2642-01575 | 0 | FGGG | 11447E | 3300N | 2625-02053 | 10 | GGGG | 11024E | 3721N | 2629-02270 | 10 | GGGG |
| 11719E | 3135S | 2630-01093 | 10 | GGGG | 11442E | 4136N | 2627-02142 | 90 | GGGG | 10957E | 3556N | 2629-02272 | 40 | GGGG |
| 11715E | 3135N | 2623-01543 | 60 | GGGG | 11442E | 3721N | 2626-02095 | 40 | GGGG | 10930E | 3429N | 2629-02275 | 90 | GGGG |
| 11708E | 3554N | 2642-01581 | 20 | GGGG | 11438E | 2721N | 2642-02004 | 90 | GGGG | 10904E | 3304N | 2629-02281 | 90 | GGGG |
| 11704E | 4009N | 2625-02032 | 30 | GGGG | 11437E | 2719N | 2624-02012 | 50 | GGGG | 10839E | 3138N | 2629-02284 | 100 | GGGG |
| 11654E | 3300S | 2630-01095 | 20 | GGGG | 11422E | 3135N | 2625-02055 | 30 | GGGG | 10815E | 3013N | 2629-02290 | 100 | GGGG |
| 11650E | 3010N | 2623-01545 | 50 | GGGG | 11415E | 2555N | 2642-02011 | 90 | GGGG | 10802E | 3427N | 2630-02333 | 30 | GGGG |
| 11642E | 3429N | 2642-01584 | 30 | FGGG | 11414E | 3555N | 2626-02102 | 30 | GGGG | 10740E | 5714N | 2601-03075 | 70 | GGGG |
| 11641E | 2843S | 2631-01142 | 20 | GGGG | 11414E | 2553N | 2624-02015 | 40 | GGGG | 10736E | 3301N | 2630-02340 | 40 | GGGG |
| 11640E | 4304N | 2626-02081 | 100 | GGGG | 11414E | 2716S | 2633-01252 | 0 | FGGG | 10734E | 4143N | 2614-02432 | 50 | GGGG |
| 11640E | 3429N | 2624-01592 | 70 | FGGG | 11414E | 2718S | 2615-01255 | 40 | GGG | 10711E | 3136N | 2630-02342 | 40 | GGGG |
| 11635E | 3843N | 2625-02035 | 10 | FGGG | 11412E | 4011N | 2627-02144 | 90 | FGGG | 10704E | 4018N | 2614-02435 | 70 | GGGG |
| 11626E | 2846N | 2641-01544 | 100 | GGGG | 11358E | 3009N | 2625-02062 | 80 | GGGG | 10649E | 5551N | 2601-03082 | 60 | GGGG |
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| 11617E | 3008S | 2631-01144 | 30 | GGGG | 11351E | 2427N | 2642-02021 | 50 | GGGG | 10635E | 3852N | 2614-02441 | 30 | GGGG |
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| 11609E | 4138N | 2626-02084 | 70 | GGGG | 11350E | 2844S | 2615-01262 | 50 | FGGG | 10617E | 3302N | 2631-02394 | 80 | GGGG |
| 11607E | 3718N | 2625-02041 | 10 | GGGG | 11347E | 3431N | 2626-02104 | 20 | GGGG | 10607E | 3726N | 2614-02444 | 30 | FGGG |

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD, P = POOR, F = FAIR.

14:51 NSV 11, 76

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COORDINATE LISTING
FOR NSN-US
FROM 10/01/76 TO 10/31/76

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| PRINCIPAL PT. OF IMAGE | LONG | LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | LONG | LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | LONG | LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 |
|---------------------------|-------|------------|-------------------|---------|--------------------------------|---------------------------|-------|------------|-------------------|---------|--------------------------------|---------------------------|-------|------------|-------------------|---------|--------------------------------|
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| 10512E | 3430N | 2632-02450 | 90 | GGGG | | 09533E | 4010N | 2640-03285 | 0 | FGGG | | 08430E | 2722N | 2627-04014 | 30 | FFFF | |
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| 10446E | 3304N | 2632-02452 | 90 | GGGG | | 09431E | 2720N | 2638-03211 | 70 | GGGG | | 08407E | 2556N | 2627-04021 | 10 | GGGG | |
| 10440E | 3724N | 2615-02502 | 70 | GGGG | | 09407E | 4009N | 2641-03343 | 0 | FGGG | | 08359E | 4724N | 2614-04250 | 90 | GGGG | |
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| 10217E | 3852N | 2617-03012 | 10 | GGGG | | 08722E | 5428N | 2614-04230 | 100 | GGGG | | 08147E | 4143N | 2614-04264 | 40 | GGGG | |
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| 09924E | 3850N | 2619-03125 | 10 | GGGG | | 08612E | 4550N | 2630-04133 | 10 | GGGG | | 08033E | 2843N | 2630-04183 | 10 | GGGG | |
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KEYS: CLOUD COVER % 0 TO 100 * X CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

14:51 NOV 11, 1976

LANDSAT-2
COORDINATE LISTING
FOR NBN-US
FROM 10/01/76 TO 10/31/76

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| PRINCIPAL PT. OF IMAGE | | | | OBSERVATION ID | CC | QUALITY | PRINCIPAL PT. OF IMAGE | | | | OBSERVATION ID | CC | QUALITY | PRINCIPAL PT. OF IMAGE | | | | OBSERVATION ID | CC | QUALITY |
|------------------------|-------|------------|----|----------------|----|----------|------------------------|-------|------------|-----|----------------|----------|---------|------------------------|------------|----|------|----------------|----|---------|
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| 07954E | 4426N | 2634-04364 | 90 | GGGG | | | 07611E | 1129N | 2630-04233 | 20 | GGGG | | 07317E | 0711S | 2629-04231 | 80 | GGGG | | | |
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| 07943E | 2009N | 2629-04151 | 0 | GGGG | | | 07554E | 2721N | 2633-04360 | 0 | GGGG | | 07247E | 3138N | 2636-04515 | 10 | FGGG | | | |
| 07924E | 2426N | 2630-04194 | 0 | FGGG | | | 07549E | 1553N | 2631-04275 | 10 | GGGG | | 07237E | 2554N | 2635-04475 | 0 | GGGG | | | |
| 07922E | 1843N | 2629-04154 | 0 | GGGG | | | 07540E | 3138N | 2634-04403 | 0 | FGGG | | 07234E | 2009N | 2634-04435 | 20 | FGGG | | | |
| 07911E | 2849N | 2631-04241 | 10 | GGGG | | | 07534E | 5837N | 2606-05192 | 100 | GGGG | | 07229E | 0422S | 2630-04280 | 70 | GGGG | | | |
| 07901E | 2300N | 2630-04201 | 0 | FGGG | | | 07532E | 4017N | 2618-04495 | 10 | GGGG | | 07222E | 3011N | 2636-04521 | 10 | GGGG | | | |
| 07901E | 1717N | 2629-04160 | 0 | GGGG | | | 07530E | 2554N | 2633-04362 | 0 | GGGG | | 07215E | 2428N | 2635-04481 | 0 | GGGG | | | |
| 07847E | 2723N | 2631-04243 | 0 | GGGG | | | 07529E | 3554N | 2635-04445 | 0 | GGGG | | 07213E | 4304N | 2639-05053 | 30 | GGGG | | | |
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| 07817E | 2007N | 2630-04210 | 0 | GGGG | | | 07507E | 2428N | 2633-04365 | 0 | FGGG | | 07142E | 4139N | 2639-05060 | 10 | FGGG | | | |
| 07800E | 2431N | 2631-04252 | 0 | GGGG | | | 07503E | 4302N | 2637-04541 | 90 | GGGG | | 07130E | 2135N | 2635-04490 | 0 | GGGF | | | |
| 07755E | 4302N | 2635-04425 | 80 | FGGG | | | 07503E | 3429N | 2635-04452 | 0 | GGGG | | 07112E | 4013N | 2639-05062 | 30 | GGGG | | | |
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| 07632E | 1255N | 2630-04230 | 10 | GGGG | | | 07338E | 3429N | 2636-04510 | 10 | GGGG | | 06400E | 2555N | 2623-05224 | 10 | FGGG | | | |
| 07631E | 1845N | 2631-04270 | 0 | GGGG | | | 07338E | 1842N | 2633-04383 | 10 | FGGG | | 06311E | 5715N | 2614-06052 | 40 | GGGG | | | |
| 07630E | 4303N | 2636-04483 | 80 | GGGG | | | 07324E | 2845N | 2635-04470 | 0 | GGGG | | 06220E | 5551N | 2614-06055 | 20 | GGGG | | | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS-BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

ORIGINAL PAGE IS
OF POOR QUALITY

14151 NOV 11, 1976

LANDSAT-2
COORDINATE LISTING
FOR NON-US
FROM 10/01/76 TO 10/31/76

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| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS |
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| 06047E 5303N | 2614-06064 | 20 | GGGG | 05219E 3014N | 2632-06124 | 20 | GGGG | 04957E 3141N | 2616-06242 | 0 | GGGG |
| 06004E 5132N | 2614-06070 | 30 | GGGG | 05218E 3017N | 2614-06132 | 0 | GGGG | 04943E 4015N | 2618-06331 | 10 | FGGF |
| 05923E 5013N | 2614-06073 | 30 | GGGG | 05215E 5544N | 2621-06454 | 80 | GGGG | 04939E 4011N | 2636-06324 | 100 | FGGG |
| 05718E 3718N | 2630-05591 | 10 | GGGG | 05210E 5300N | 2620-06405 | 80 | GGFG | 04927E 3015N | 2616-06244 | 0 | GGGG |
| 05650E 3553N | 2630-05594 | 0 | GGGG | 05209E 5257N | 2638-06401 | 50 | GGGG | 04925E 5546N | 2623-06571 | 90 | GGGG |
| 05624E 3427N | 2630-06000 | 0 | GGGG | 05205E 3850N | 2616-06221 | 70 | GGGG | 04922E 5305N | 2604-06525 | 30 | GGGG |
| 05558E 3301N | 2630-06003 | 10 | GGGG | 05155E 2848N | 2632-06131 | 10 | GGGG | 04919E 5257N | 2640-06514 | 10 | GGGG |
| 05553E 3722N | 2631-06045 | 60 | GGGG | 05146E 5718N | 2604-06513 | 10 | GGGG | 04916E 5257N | 2622-06522 | 50 | GGGG |
| 05533E 3135N | 2630-06005 | 0 | GGGG | 05142E 5708N | 2640-06502 | 90 | GGGG | 04914E 3850N | 2618-06334 | 10 | FFGF |
| 05509E 5546N | 2619-06342 | 100 | FGF | 05141E 3302N | 2633-06173 | 20 | FFFF | 04910E 3845N | 2636-06330 | 100 | FSGG |
| 05508E 3009N | 2630-06012 | 10 | GGFG | 05140E 5709N | 2622-06510 | 100 | GGGG | 04858E 4553N | 2638-06422 | 30 | GGGG |
| 05457E 3851N | 2614-06105 | 10 | GGGG | 05137E 3725N | 2616-06224 | 80 | GGGG | 04857E 4556N | 2620-06430 | 100 | FGGG |
| 05444E 2843N | 2630-06014 | 0 | GGGG | 05131E 5421N | 2639-06453 | 10 | GGGG | 04848E 5707N | 2624-07023 | 90 | GGGG |
| 05434E 3305N | 2631-06061 | 0 | FGGG | 05128E 5421N | 2621-06461 | 90 | GGGF | 04847E 4139N | 2637-06375 | 90 | GGGG |
| 05428E 3726N | 2614-06111 | 10 | GGGG | 05128E 5135N | 2620-06412 | 90 | GGFG | 04845E 4139N | 2619-06383 | 90 | FGGG |
| 05427E 3723N | 2632-06104 | 10 | GGGG | 05127E 5132N | 2638-06404 | 70 | GGGG | 04845E 3725N | 2618-06340 | 20 | GGGG |
| 05421E 2717N | 2630-06021 | 10 | GGFG | 05115E 3136N | 2633-06180 | 20 | GGGG | 04839E 5141N | 2604-06531 | 30 | GGGG |
| 05409E 3139N | 2631-06063 | 10 | GGGG | 05110E 3559N | 2616-06230 | 30 | GGGG | 04837E 5422N | 2623-06573 | 90 | FGGG |
| 05401E 3600N | 2614-06114 | 0 | GGGG | 05107E 4011N | 2635-06265 | 90 | GGGG | 04836E 5133N | 2640-06520 | 10 | GGGG |
| 05400E 3557N | 2632-06110 | 10 | GGGG | 05055E 5554N | 2604-06520 | 30 | GGGG | 04835E 5420N | 2641-06565 | 70 | GGGG |
| 05344E 3013N | 2631-06070 | 0 | GGGG | 05051E 5544N | 2640-06505 | 80 | GGGG | 04833E 5133N | 2622-06524 | 30 | GGGG |
| 05343E 5547N | 2620-06400 | 90 | G | 05051E 3010N | 2633-06182 | 10 | GGGG | 04825E 3141N | 2617-06300 | 0 | GGGG |
| 05334E 3434N | 2614-06120 | 0 | GGGG | 05049E 5545N | 2622-06513 | 90 | GGGG | 04824E 4431N | 2620-06432 | 100 | GGGG |
| 05334E 3431N | 2632-06113 | 10 | FGGG | 05046E 5257N | 2639-06460 | 10 | GGGG | 04824E 4429N | 2638-06424 | 100 | GGGG |
| 05320E 2848N | 2631-06072 | 10 | GGGG | 05043E 5257N | 2621-06463 | 90 | GGGG | 04817E 4014N | 2637-06382 | 90 | GGFG |
| 05309E 3306N | 2632-06115 | 10 | GGGF | 05043E 3433N | 2616-06233 | 0 | GGG | 04817E 3559N | 2618-06343 | 20 | GGGG |
| 05308E 3309N | 2614-06123 | 0 | GGGG | 05039E 3850N | 2617-06275 | 10 | GGGG | 04815E 4014N | 2619-06385 | 90 | FGGG |
| 05303E 3723N | 2615-06165 | 70 | GGGG | 05026E 2844N | 2633-06185 | 10 | GGGF | 04800E 3015N | 2617-06302 | 0 | GGGG |
| 05256E 2721N | 2631-06075 | 10 | GGGG | 05017E 3307N | 2614-06235 | 0 | GGGG | 04759E 5016N | 2604-06534 | 40 | GGGG |
| 05254E 5420N | 2638-06395 | 30 | GGGG | 05016E 5710N | 2623-06564 | 90 | GGGG | 04757E 5543N | 2624-07025 | 100 | GGGG |
| 05243E 3143N | 2614-06125 | 0 | GGGG | 05010E 3725N | 2617-06282 | 10 | GGGG | 04755E 5008N | 2640-06523 | 10 | GGGG |
| 05243E 3140N | 2632-06122 | 10 | FGGG | 05007E 5430N | 2604-06522 | 30 | GGGG | 04753E 5008N | 2622-06531 | 30 | GGGG |
| 05241E 5841N | 2604-06511 | 60 | GGGG | 05003E 5421N | 2640-06511 | 10 | GGGG | 04752E 5258N | 2623-06580 | 90 | GGFG |
| 05236E 5831N | 2640-06500 | 90 | GGGG | 05003E 5133N | 2639-06462 | 10 | GGGG | 04752E 4304N | 2638-06431 | 90 | GGGG |
| 05235E 3557N | 2615-06172 | 50 | FGGG | 05001E 5421N | 2622-06515 | 80 | GGGG | 04752E 3434N | 2600-06352 | 0 | GGGG |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

14:51 V0V 11.176

LANNSAT-2
COORDINATE LISTING
FOR NBN-US
FROM 10/01/76 TO 10/31/76

PAGE 0073

| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS |
|---------------------------|-------------------|---------|--------------------|---------------------------|-------------------|---------|--------------------|---------------------------|-------------------|---------|--------------------|
| LONG LAT | | | 12345678 | LONG LAT | | | 12345678 | LONG LAT | | | 12345678 |
| 04751E 4305N | 2620-06435 | 90 | GGGG | 04604E 4554N | 2640-06534 | 90 | GGGG | 04417E 5421N | 2626-07144 | 90 | GGGG |
| 04750E 5256N | 2641-06572 | 90 | FGGG | 04603E 4554N | 2622-06542 | 40 | FGGG | 04407E 3140N | 2620-06471 | 0 | FGGG |
| 04749E 3434N | 2618-06345 | 30 | GGGG | 04557E 3305N | 2619-06410 | 0 | FGGG | 04405E 4429N | 2623-07003 | 90 | FGGG |
| 04747E 3849N | 2637-06384 | 80 | GGFG | 04556E 5709N | 2626-07135 | 100 | GGGG | 04404E 4429N | 2641-06595 | 90 | GGGG |
| 04746E 3848N | 2619-06392 | 40 | FGGG | 04554E 4139N | 2639-06492 | 60 | GGGG | 04400E 4019N | 2604-06563 | 20 | GGGG |
| 04732E 4554N | 2639-06480 | 90 | GGGG | 04553E 4136N | 2621-06495 | 40 | GGGG | 04359E 3558N | 2639-06510 | 10 | GGGG |
| 04729E 4553N | 2621-06484 | 10 | GGGF | 04553E 3723N | 2620-06453 | 0 | GGGG | 04358E 4014N | 2640-06552 | 20 | GGGG |
| 04723E 5711N | 2625-07081 | 90 | FGGF | 04550E 4845N | 2623-06591 | 80 | GGGF | 04356E 4012N | 2622-06560 | 10 | GGGG |
| 04723E 3308N | 2618-06352 | 50 | GGGG | 04550E 4843N | 2641-06583 | 80 | FGGG | 04347E 4717N | 2624-07052 | 70 | GGGG |
| 04721E 4139N | 2638-06433 | 90 | GGGG | 04546E 5424N | 2625-07090 | 90 | GGGG | 04338E 5011N | 2625-07101 | 90 | FFFF |
| 04720E 4852N | 2604-06540 | 30 | GGGG | 04542E 5131N | 2624-07041 | 100 | GGGG | 04337E 5545N | 2627-07200 | 20 | GGGG |
| 04720E 4140N | 2620-06441 | 90 | GGGG | 04534E 4436N | 2604-06552 | 70 | GGGG | 04333E 5257N | 2626-07150 | 100 | GGGG |
| 04717E 3722N | 2619-06394 | 10 | GGGG | 04531E 4429N | 2640-06541 | 90 | GGGG | 04333E 4304N | 2623-07005 | 30 | FGFG |
| 04714E 4844N | 2622-06533 | 80 | GGGG | 04529E 4428N | 2622-06545 | 30 | GGFF | 04332E 4304N | 2641-07001 | 60 | GGGG |
| 04710E 5419N | 2624-07032 | 100 | GGGG | 04525E 3558N | 2620-06455 | 0 | GGGG | 04331E 3854N | 2604-06570 | 30 | GGGG |
| 04709E 5134N | 2623-06582 | 90 | FGGF | 04524E 4014N | 2639-06494 | 40 | GGGG | 04329E 3848N | 2640-06555 | 20 | GGGG |
| 04708E 5132N | 2641-06574 | 80 | GGGG | 04514E 4720N | 2623-06594 | 70 | GGFG | 04313E 4551N | 2624-07055 | 20 | GGGG |
| 04658E 4429N | 2639-06483 | 90 | GGGG | 04513E 4719N | 2641-06590 | 100 | GGGG | 04303E 3728N | 2604-06572 | 20 | GGGG |
| 04658E 3142N | 2618-06354 | 40 | GGGG | 04505E 5545N | 2626-07141 | 90 | GGGG | 04301E 3723N | 2640-06561 | 10 | GGGG |
| 04656E 4428N | 2621-06490 | 10 | FFGG | 04502E 5300N | 2625-07092 | 90 | GGGF | 04300E 5706N | 2628-07251 | 80 | GGGG |
| 04651E 4014N | 2638-06440 | 90 | GGGG | 04501E 5007N | 2624-07043 | 100 | GGGG | 04259E 4846N | 2625-07104 | 90 | GGGG |
| 04650E 4015N | 2620-06444 | 50 | GGGG | 04501E 4311N | 2604-06554 | 50 | GGGG | 04251E 5133N | 2626-07153 | 90 | GGGG |
| 04650E 3556N | 2619-06401 | 0 | GGGG | 04459E 4304N | 2640-06543 | 60 | GGGG | 04249E 5421N | 2627-07202 | 80 | GGGG |
| 04643E 4727N | 2604-06543 | 40 | GGGG | 04458E 3432N | 2620-06462 | 0 | GGGG | 04240E 4426N | 2624-07061 | 10 | GGGG |
| 04639E 4718N | 2640-06532 | 80 | GGGG | 04457E 4303N | 2622-06551 | 20 | GGGG | 04223E 4721N | 2625-07110 | 40 | FGGF |
| 04638E 4719N | 2622-06540 | 90 | GGGG | 04455E 3848N | 2639-06501 | 40 | GGGG | 04211E 5008N | 2626-07155 | 90 | GGGG |
| 04633E 5547N | 2625-07083 | 90 | FFGG | 04439E 4555N | 2623-07000 | 70 | GGFG | 04210E 5542N | 2628-07254 | 90 | GGGG |
| 04629E 5009N | 2623-06585 | 90 | FGGF | 04438E 4554N | 2641-06592 | 100 | GGGG | 04207E 4301N | 2624-07064 | 10 | GGGG |
| 04628E 5008N | 2641-06581 | 90 | GGGG | 04432E 3306N | 2620-06464 | 0 | GGGG | 04205E 5257N | 2627-07205 | 90 | GGGG |
| 04625E 4304N | 2639-06485 | 90 | GGG | 04430E 4145N | 2604-06561 | 20 | GGGG | 04148E 4556N | 2625-07113 | 30 | GGGF |
| 04624E 5255N | 2624-07034 | 100 | GGGG | 04428E 5708N | 2627-07193 | 20 | GGGG | 04136E 5707N | 2629-07310 | 40 | GGGG |
| 04623E 4302N | 2621-06493 | 20 | GGGG | 04428E 4139N | 2640-06550 | 60 | GGGG | 04136E 4136N | 2624-07070 | 20 | GGGG |
| 04623E 3430N | 2619-06403 | 0 | GGGG | 04426E 4138N | 2622-06554 | 40 | GGGG | 04133E 4844N | 2626-07162 | 70 | GGGG |
| 04622E 3849N | 2638-06442 | 70 | GGGG | 04426E 3723N | 2639-06503 | 20 | GGGG | 04114E 4431N | 2625-07115 | 50 | GGGF |
| 04621E 3849N | 2620-06450 | 10 | GGGG | 04423E 4842N | 2624-07050 | 90 | GGGG | 04054E 4719N | 2626-07164 | 10 | GGGG |
| 04608E 4602N | 2604-06545 | 50 | GGGG | 04419E 5135N | 2625-07095 | 90 | GGGF | 04045E 5543N | 2629-07312 | 70 | FGGG |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

14:51 VBV 11, 176

LANDSAT-2
COORDINATE LISTING
FOR NSN-US
FROM 10/01/76 TO 10/31/76

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| PRINCIPAL PT. OF IMAGE | LAT | LONG | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | LAT | LONG | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | LAT | LONG | OBSERVATION ID | CC % | QUALITY RBV MSS |
|---------------------------|-------|------------|-------------------|---------|--------------------|---------------------------|-------|------------|-------------------|---------|--------------------|---------------------------|-------|------------|-------------------|---------|--------------------|
| 04042E | 5009N | 2627-07214 | 70 | GGG | 12345678 | 03544E | 5427N | 2614-07493 | 70 | GGGG | 12345678 | 03248E | 5418N | 2634-08002 | 90 | GGGG | 12345678 |
| 04021E | 4554N | 2626-07171 | 60 | GGGG | | 03541E | 5136N | 2613-07444 | 100 | GGGG | | 03247E | 5135N | 2615-07560 | 90 | GGGG | |
| 04010E | 5704N | 2630-07364 | 60 | G | | 03540E | 5133N | 2631-07440 | 100 | FGGG | | 03221E | 4723N | 2614-07513 | 60 | GGGG | |
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| 03958E | 5419N | 2629-07315 | 100 | GGGG | | 03528E | 4427N | 2629-07344 | 10 | GGGG | | 03209E | 5005N | 2633-07555 | 10 | GGGG | |
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| 03942E | 5836N | 2613-07423 | 70 | GGGG | | 03508E | 4714N | 2630-07393 | 90 | GGGG | | 03206E | 5300N | 2616-08012 | 90 | GGGG | |
| 03927E | 4718N | 2627-07223 | 90 | FGGG | | 03503E | 5547N | 2615-07545 | 100 | GGGG | | 03203E | 5254N | 2634-08004 | 30 | GGGG | |
| 03919E | 5541N | 2630-07370 | 60 | FGGG | | 03502E | 5541N | 2633-07541 | 80 | GGGG | | 03144E | 4559N | 2614-07520 | 70 | GGGG | |
| 03913E | 5255N | 2629-07321 | 70 | GGGG | | 03500E | 5012N | 2613-07450 | 90 | GGGG | | 03144E | 4553N | 2632-07512 | 100 | GGGG | |
| 03852E | 4553N | 2627-07225 | 90 | FGGG | | 03500E | 5008N | 2631-07443 | 100 | GGGG | | 03130E | 4840N | 2633-07562 | 60 | GGGG | |
| 03848E | 5713N | 2613-07430 | 40 | GGGG | | 03459E | 5303N | 2614-07495 | 80 | GGGG | | 03129E | 4846N | 2615-07565 | 50 | GGGG | |
| 03844E | 5709N | 2631-07422 | 10 | FGGG | | 03455E | 5257N | 2632-07492 | 10 | GGGG | | 03126E | 5425N | 2617-08063 | 10 | GGGG | |
| 03831E | 5417N | 2630-07373 | 100 | FFFF | | 03434E | 4548N | 2630-07400 | 80 | GGGF | | 03124E | 5136N | 2616-08014 | 100 | GGGG | |
| 03831E | 5131N | 2629-07324 | 90 | GGGG | | 03429E | 5713N | 2616-08000 | 10 | GGGG | | 03120E | 5418N | 2635-08060 | 20 | GGGG | |
| 03819E | 4428N | 2627-07232 | 50 | FGGG | | 03422E | 4843N | 2631-07445 | 90 | GGGG | | 03120E | 5130N | 2634-08011 | 10 | GGGG | |
| 03817E | 5837N | 2614-07481 | 60 | GGGG | | 03421E | 4847N | 2613-07453 | 90 | GGGG | | 03053E | 4715N | 2633-07564 | 100 | GGGG | |
| 03757E | 5549N | 2613-07432 | 90 | GGGG | | 03416E | 5138N | 2614-07502 | 90 | GGGG | | 03052E | 4720N | 2615-07572 | 20 | GGGG | |
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| 03750E | 5007N | 2629-07330 | 100 | GGGG | | 03414E | 5417N | 2633-07544 | 60 | GGGG | | 03041E | 5301N | 2617-08070 | 10 | GGGG | |
| 03746E | 5253N | 2630-07375 | 90 | FGGG | | 03413E | 5132N | 2632-07494 | 30 | FGGG | | 03039E | 5005N | 2634-08013 | 20 | FFFF | |
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| 03709E | 5425N | 2613-07435 | 100 | GGGG | | 03345E | 4722N | 2613-07455 | 90 | GGGG | | 03017E | 4555N | 2615-07574 | 30 | GGGG | |
| 03707E | 5421N | 2631-07431 | 20 | GGGG | | 03338E | 5549N | 2616-08003 | 10 | FGGG | | 03005E | 4847N | 2616-08023 | 70 | GGGG | |
| 03704E | 5128N | 2630-07382 | 130 | FGGG | | 03336E | 5013N | 2614-07504 | 90 | GGGG | | 03002E | 5425N | 2618-08122 | 10 | GGGG | |
| 03649E | 5834N | 2615-07540 | 70 | GGGG | | 03335E | 5541N | 2634-07595 | 90 | GGGG | | 03001E | 4841N | 2634-08020 | 10 | FFFF | |
| 03632E | 5550N | 2614-07490 | 40 | GGGG | | 03333E | 5008N | 2632-07501 | 90 | GGGG | | 02959E | 5136N | 2617-08072 | 70 | FGGG | |
| 03627E | 5545N | 2632-07483 | 20 | GGGG | | 03330E | 5259N | 2615-07554 | 90 | GGGG | | 02957E | 5421N | 2636-08114 | 10 | FGGG | |
| 03624E | 5301N | 2613-07441 | 100 | GGGG | | 03330E | 5253N | 2633-07550 | 50 | GGGG | | 02953E | 5130N | 2635-08065 | 10 | GGGG | |
| 03624E | 5004N | 2630-07384 | 100 | GGGG | | 03311E | 4553N | 2631-07454 | 70 | GGGG | | 02928E | 4722N | 2616-08030 | 10 | FGGG | |
| 03622E | 5257N | 2631-07434 | 90 | GGGG | | 03310E | 4557N | 2613-07462 | 80 | GGGG | | 02925E | 4716N | 2634-08022 | 30 | FGGG | |
| 03601E | 4551N | 2629-07342 | 40 | FGGG | | 03257E | 4848N | 2614-07511 | 60 | GGGG | | 02922E | 5547N | 2619-08173 | 60 | GGGG | |
| 03554E | 5711N | 2615-07542 | 70 | GGGG | | 03254E | 4843N | 2632-07503 | 100 | GGGG | | 02919E | 5544N | 2637-08170 | 90 | GGGG | |
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| 03545E | 4840N | 2630-07391 | 90 | GGGG | | 03249E | 5130N | 2633-07553 | 30 | GGGG | | 02916E | 5302N | 2618-08124 | 0 | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

14151 NOV 11, 1976

LANDSAT-2
COORDINATE LISTING
FOR NSN-US
FROM 10/01/76 TO 10/31/76

PAGE 0075

| PRINCIPAL PT. OF IMAGE | LONG | LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | LONG | LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | LONG | LAT | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 |
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| 02912E | 5257N | 2636-08121 | 10 | FGGG | | 02545E | 4843N | 2637-08190 | 10 | GGGG | | 04750W | 8040N | 2608-17254 | 80 | GGG | |
| 02853E | 4557N | 2616-08032 | 0 | GGGG | | 02539E | 5423N | 2621-08292 | 100 | GGGG | | 04830W | 2422S | 2639-12181 | 80 | GGGG | |
| 02852E | 1131N | 2627-07325 | 10 | GGGG | | 02539E | 5135N | 2620-08243 | 80 | GGGG | | 04850W | 2007S | 2622-12232 | 90 | GGFF | |
| 02850E | 4552N | 2634-08025 | 90 | GGGG | | 02538E | 5420N | 2639-08285 | 10 | GGGG | | 04912W | 2132S | 2640-12231 | 30 | GGGG | |
| 02840E | 4846N | 2617-08081 | 90 | FGGG | | 02537E | 5132N | 2638-08235 | 20 | GGGG | | 04912W | 2133S | 2622-12234 | 100 | PPPP | |
| 02835E | 4841N | 2635-08074 | 70 | GFGG | | 02503E | 5544N | 2622-08344 | 100 | GGGG | | 04934W | 2257S | 2640-12233 | 50 | GGGG | |
| 02834E | 5423N | 2619-08180 | 20 | GGGG | | 02501E | 5544N | 2640-08340 | 80 | FGGG | | 04934W | 2258S | 2622-12241 | 100 | GGGG | |
| 02834E | 5138N | 2618-08131 | 10 | GGGG | | 02459E | 5010N | 2620-08250 | 90 | GGGG | | 04939W | 2840S | 2639-12193 | 20 | FFFF | |
| 02832E | 5420N | 2637-08172 | 30 | GGGG | | 02457E | 5008N | 2638-08242 | 70 | GGGG | | 04940W | 5255N | 2637-13274 | 80 | GGGG | |
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| 02830E | 5133N | 2636-08123 | 10 | FGGG | | 02453E | 5256N | 2639-08291 | 60 | GGGG | | 04956W | 2424S | 2622-12243 | 90 | PP | |
| 02803E | 4722N | 2617-08084 | 60 | GGGG | | 02440E | 1839S | 2625-07301 | 20 | GGGP | | 04957W | 2423S | 2640-12240 | 50 | GGGG | |
| 02758E | 4716N | 2635-08080 | 90 | FFGG | | 02421E | 4845N | 2620-08252 | 90 | GGGG | | 05005W | 8042N | 2610-17370 | 70 | GPF | |
| 02750E | 5008N | 2636-08130 | 50 | FGGG | | 02419E | 2004S | 2625-07304 | 20 | GGGG | | 05015W | 2009S | 2623-12290 | 60 | GGGG | |
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| 02747E | 5256N | 2637-08175 | 20 | GGGG | | 02415E | 5420N | 2622-08351 | 90 | FFFF | | 05019W | 2548S | 2640-12242 | 30 | GGGG | |
| 02745E | 5954N | 2622-08333 | 70 | GGGG | | 02413E | 5421N | 2640-08343 | 90 | GFGG | | 05019W | 2550S | 2622-12250 | 90 | GGGG | |
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| 02728E | 4557N | 2617-08090 | 80 | FGGG | | 02412E | 5132N | 2639-08294 | 80 | GGGG | | 05024W | 5419N | 2638-13325 | 90 | FGGG | |
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| 02704E | 5420N | 2638-08230 | 20 | G | | 02332E | 5008N | 2639-08300 | 90 | GGGG | | 05103W | 5007N | 2637-13283 | 60 | GGGG | |
| 02647E | 5831N | 2622-08335 | 90 | GGGG | | 02330E | 5256N | 2622-08353 | 90 | GGGG | | 05106W | 2839S | 2640-12251 | 40 | FFFF | |
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| 02622E | 5259N | 2620-08241 | 10 | GGGG | | 02147E | 1839S | 2627-07414 | 10 | GGGG | | 05122W | 2424S | 2641-12294 | 10 | FFFF | |
| 02620E | 5256N | 2638-08233 | 10 | GGGG | | 02126E | 2006S | 2627-07420 | 0 | GGGG | | 05130W | 3005S | 2640-12254 | 90 | FFFF | |
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| 02552E | 5708N | 2640-08334 | 80 | FFGG | | 01954E | 5423N | 2625-08521 | 70 | G | | 05142W | 4843N | 2637-13285 | 70 | GGGG | |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

ORIGINAL PAGE IS
OF POOR QUALITY

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| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS 12345678 |
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| 05151W 5130N | 2638-13334 | 40 | GGGG | 05438W 2551S | 2625-12420 | 100 | P PP | 05746W 4426N | 2640-13471 | 20 | GGGG |
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| 05207W 2716S | 2641-12303 | 60 | GGGG | 05444W 5130N | 2640-13451 | 40 | GGGG | 05803W 4716N | 2641-13520 | 40 | GGGG |
| 05208W 2719S | 2623-12311 | 10 | FFFF | 05452W 4428N | 2638-13355 | 80 | GGGG | 05811W 5546N | 2626-14072 | 40 | GGGG |
| 05219W 4718N | 2637-13292 | 60 | GGGG | 05501W 2716S | 2625-12423 | 100 | PPPP | 05813W 5006N | 2642-13570 | 80 | GGGG |
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| 05229W 5542N | 2640-13435 | 90 | GGGG | 05519W 5544N | 2624-13555 | 80 | GGGG | 05820W 5255N | 2643-14015 | 60 | GGGG |
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| 05231W 2841S | 2641-12305 | 30 | GGGG | 05524W 5005N | 2640-13453 | 40 | GGGG | 05830W 3423S | 2626-12502 | 60 | GGGG |
| 05232W 2845S | 2623-12313 | 10 | FFFF | 05525W 5254N | 2641-13502 | 30 | GGGG | 05838W 4551N | 2641-13523 | 50 | GGGG |
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| 05256W 3006S | 2641-12312 | 30 | PPPP | 05558W 5705N | 2643-14003 | 90 | GGFG | 05902W 5130N | 2643-14021 | 80 | GGGG |
| 05256W 3011S | 2623-12320 | 20 | FGGG | 05602W 4841N | 2640-13460 | 60 | GGGG | 05905W 3135S | 2627-12551 | 40 | GGGG |
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KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

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| PRINCIPAL PT. OF IMAGE | | | | OBSERVATION ID | CC | QUALITY | PRINCIPAL PT. OF IMAGE | | | | OBSERVATION ID | CC | QUALITY | PRINCIPAL PT. OF IMAGE | | | | OBSERVATION ID | CC | QUALITY |
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| 06205W | 4427N | 2643-14042 | 100 | GGGG | | | 06813W | 5015N | 2613-14380 | 80 | GGGG | | | 07217W | 7843N | 2610-17382 | 90 | GGF | | |
| 06216W | 3716S | 2628-13023 | 10 | GGGG | | | 06814W | 7838N | 2607-17211 | 90 | GGG | | | 07231W | 7925N | 2614-18005 | 90 | FGG | | |
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| 06244W | 3840S | 2628-13030 | 10 | FFFF | | | 06835W | 0540N | 2622-13591 | 10 | GG | | | 07239W | 3428N | 2630-14362 | 60 | GGGG | | |
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| 06349W | 3259S | 2630-13124 | 30 | GGGG | | | 06942W | 5012N | 2614-14435 | 90 | GGGG | | | 07348W | 7841N | 2611-17440 | 40 | FGF | | |
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KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAD NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

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| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS |
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| 07904W 5133N | 2621-15232 | 30 | GGGF | 09642W 6519N | 2640-17073 | 70 | GGGG | 10328W 2139N | 2613-16294 | 30 | GGGG |
| 07918W 7744N | 2611-17443 | 60 | GGF | 09655W 5012N | 2613-16324 | 10 | GGGG | 10347W 2555N | 2614-16341 | 10 | GGGG |
| 07941W 7839N | 2615-18065 | 30 | GGG | 09658W 2427N | 2627-16053 | 20 | FGFF | 10349W 5830N | 2623-17155 | 60 | GGGG |
| 07943W 5009N | 2621-15234 | 20 | GGGG | 09740W 5139N | 2616-16380 | 0 | GGGG | 10350W 2013N | 2613-16300 | 30 | GGGG |
| 08105W 7740N | 2612-17501 | 60 | FFF | 09802W 6358N | 2640-17075 | 50 | GGGG | 10351W 5828N | 2641-17152 | 80 | FGGG |
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| 08251W 4934N | 2641-15344 | 80 | GGGG | 09823W 5303N | 2617-16432 | 90 | GGGG | 10411W 1846N | 2613-16303 | 40 | GGGG |
| 08258W 8011N | 2609-19150 | 10 | GGG | 09826W 2428N | 2628-16111 | 0 | GGGG | 10412W 5253N | 2639-17053 | 100 | FFFF |
| 08404W 5005N | 2624-15405 | 90 | GGGG | 09906W 5138N | 2617-16434 | 30 | GGGG | 10432W 2302N | 2614-16350 | 30 | GGGG |
| 08404W 5005N | 2642-15401 | 90 | GGGG | 09915W 6236N | 2640-17082 | 90 | GGGG | 10445W 5705N | 2641-17154 | 80 | FGGG |
| 08414W 7737N | 2614-18014 | 60 | GGG | 09927W 6400N | 2623-17141 | 70 | GGGG | 10451W 5423N | 2622-17113 | 90 | GGGG |
| 08417W 8012N | 2610-19204 | 60 | FFG | 09929W 6357N | 2641-17134 | 70 | GGGG | 10453W 5133N | 2621-17063 | 90 | GGGG |
| 08449W 5130N | 2643-15453 | 80 | FGGG | 09946W 5014N | 2617-16441 | 20 | GGGG | 10454W 2136N | 2614-16352 | 60 | GGGG |
| 08512W 7742N | 2615-18072 | 70 | 3 G | 09951W 2426N | 2629-16165 | 50 | GGGG | 10455W 5418N | 2640-17105 | 50 | GGGG |
| 08530W 5006N | 2643-15455 | 90 | FFGG | 10033W 5136N | 2618-16493 | 80 | GGGG | 10455W 5129N | 2639-17060 | 60 | FFFG |
| 08742W 5131N | 2627-15573 | 90 | GGGG | 10040W 6238N | 2623-17144 | 40 | GGGG | 10512W 2556N | 2615-16395 | 90 | GGGG |
| 08822W 5007N | 2627-15580 | 80 | GGGG | 10042W 6235N | 2641-17140 | 50 | GGGG | 10515W 2010N | 2614-16355 | 90 | GGGG |
| 08949W 5007N | 2628-16034 | 70 | GGGG | 10113W 5011N | 2618-16495 | 60 | FGGG | 10533W 5543N | 2623-17164 | 30 | G |
| 09035W 5129N | 2629-16090 | 30 | GGGG | 10148W 6116N | 2623-17150 | 10 | GGGG | 10535W 5542N | 2641-17161 | 80 | GGGG |
| 09108W 7038N | 2623-17121 | 40 | GGGG | 10150W 5705N | 2639-17042 | 80 | FFG | 10535W 2430N | 2615-16401 | 90 | GGGG |
| 09115W 5004N | 2629-16092 | 20 | GGGG | 10159W 5136N | 2619-16551 | 20 | GGG | 10536W 5259N | 2622-17115 | 70 | GGGG |
| 09240W 5005N | 2630-16150 | 70 | G | 10221W 2558N | 2613-16282 | 10 | GGGG | 10537W 1844N | 2614-16361 | 90 | FGGG |
| 09310W 6921N | 2623-17123 | 60 | GGGG | 10239W 5011N | 2619-16553 | 80 | GGGP | 10539W 5254N | 2640-17111 | 80 | GGGG |
| 09324W 5134N | 2631-16202 | 90 | FGGG | 10240W 5541N | 2639-17044 | 60 | FFFG | 10557W 2303N | 2615-16404 | 90 | GGGG |
| 09337W 6758N | 2640-17064 | 70 | FGGG | 10244W 5257N | 2620-17003 | 80 | GGGG | 10611W 2724N | 2616-16451 | 80 | GGGG |
| 09403W 5013N | 2613-16212 | 90 | GGGG | 10244W 2431N | 2613-16285 | 10 | GGGG | 10619W 5134N | 2622-17122 | 40 | GGGG |
| 09405W 5010N | 2631-16204 | 80 | GGGG | 10250W 5953N | 2623-17153 | 20 | GGGG | 10620W 2137N | 2615-16410 | 90 | GGGG |
| 09500W 6801N | 2623-17130 | 70 | GGGG | 10252W 5951N | 2641-17145 | 90 | GGGG | 10621W 5419N | 2623-17171 | 90 | GGGG |
| 09504W 6758N | 2641-17122 | 100 | FGGG | 10306W 2305N | 2613-16291 | 20 | GGGG | 10622W 5418N | 2641-17163 | 70 | GGGG |
| 09515W 6639N | 2640-17070 | 80 | GGGG | 10313W 5711N | 2622-17104 | 70 | GGGG | 10622W 5129N | 2640-17114 | 80 | GGGG |
| 09529W 5012N | 2614-16270 | 30 | GGGG | 10317W 5705N | 2640-17100 | 90 | GGGG | 10635W 2559N | 2616-16453 | 80 | GGGG |
| 09615W 5137N | 2615-16322 | 0 | GGGG | 10326W 5422N | 2621-17054 | 100 | GGGG | 10642W 2011N | 2615-16413 | 100 | GGGG |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

14:51 NOV 11, 1976

LANDSAT-2
COORDINATE LISTING
FOR NDN-US
FROM 10/01/76 TO 10/31/76

PAGE 0073

| PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS | PRINCIPAL PT. OF IMAGE | OBSERVATION ID | CC % | QUALITY RBV MSS |
|---------------------------|-------------------|---------|--------------------|---------------------------|-------------------|---------|--------------------|---------------------------|-------------------|---------|--------------------|
| LONG LAT | | | 12345678 | LONG LAT | | | 12345678 | LONG LAT | | | 12345678 |
| 10658W 2432N | 2616-16460 | 90 | GGGG | 11743W 5427N | 2613-18032 | 0 | GFGG | 12727W 7428N | 2600-20093 | 30 | GGGG |
| 10706W 5255N | 2623-17173 | 90 | GGGG | 11824W 5549N | 2614-18084 | 10 | GGGG | 13027W 7316N | 2600-20095 | 70 | GGGG |
| 10706W 5254N | 2641-17170 | 80 | GGGG | 11828W 5303N | 2613-18035 | 0 | GGGG | 13305W 7202N | 2600-20102 | 10 | GGGG |
| 10722W 2305N | 2616-16462 | 90 | GGGG | 11910W 5138N | 2613-18041 | 10 | GGGG | 13359W 7044N | 2617-20043 | 90 | GGGG |
| 10738W 2725N | 2617-16505 | 90 | GGGG | 11911W 5425N | 2614-18090 | 0 | GGGG | 13525W 7045N | 2600-20104 | 50 | GGGG |
| 10745W 2139N | 2616-16465 | 100 | GGGG | 11949W 5550N | 2615-18142 | 20 | GGGG | 13527W 7044N | 2618-20101 | 80 | GGGG |
| 10748W 5131N | 2623-17180 | 80 | GGGG | 11951W 5014N | 2613-18044 | 10 | GGGG | 13603W 6927N | 2617-20045 | 90 | GGGG |
| 10748W 5130N | 2641-17172 | 90 | GFGG | 11956W 5301N | 2614-18093 | 0 | GGGG | 13653W 7042N | 2619-20155 | 90 | GGGF |
| 10802W 2559N | 2617-16511 | 90 | GGGG | 12025W 5714N | 2616-18194 | 90 | GGGG | 13739W 7156N | 2621-20265 | 90 | GGGG |
| 10806W 2012N | 2616-16471 | 100 | GGGG | 12037W 5426N | 2615-18145 | 50 | GGGG | 13823W 7042N | 2620-20213 | 70 | GGG |
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| 10848W 2306N | 2617-16520 | 100 | GGGG | 12042W 5131N | 2632-18092 | 10 | GGGG | 14153W 7153N | 2624-20440 | 30 | GGG |
| 10910W 2140N | 2617-16523 | 100 | GGGG | 12115W 5550N | 2616-18200 | 90 | GGGG | 14321W 7154N | 2625-20494 | 20 | PGGG |
| 11250W 5255N | 2627-17402 | 90 | GGG | 12119W 5011N | 2614-18102 | 10 | GGGG | 14445W 7154N | 2626-20552 | 70 | GGG |
| 11332W 5131N | 2627-17405 | 90 | GGGG | 12121W 5301N | 2615-18151 | 70 | GGGG | 14738W 7153N | 2628-21065 | 30 | FGGG |
| 11403W 3013N | 2622-17183 | 0 | GGGG | 12203W 5426N | 2616-18203 | 100 | GGGG | 14905W 7153N | 2629-21123 | 10 | GGGG |
| 11405W 3012N | 2640-17175 | 20 | GGGG | 12204W 5137N | 2615-18154 | 60 | GGGG | 15145W 7200N | 2613-21243 | 100 | GGGG |
| 11457W 5131N | 2628-17463 | 40 | GGGG | 12244W 5012N | 2615-18160 | 50 | GGGG | 16153W 7157N | 2620-22042 | 100 | GGGG |
| 11530W 3012N | 2641-17234 | 10 | GGGG | 12247W 5302N | 2616-18205 | 90 | GGGG | 16536W 7042N | 2621-22103 | 90 | GGGG |
| 11531W 3012N | 2623-17241 | 20 | GGGG | 12329W 5138N | 2616-18212 | 80 | GGGG | 16707W 7039N | 2622-22161 | 80 | GGGG |
| 11604W 5715N | 2613-18023 | 0 | GGG | 12409W 5013N | 2616-18214 | 70 | GGGG | 16909W 6922N | 2622-22164 | 90 | GGGG |
| 11655W 5551N | 2613-18030 | 10 | GGGG | 12613W 4135N | 2633-18180 | 60 | GGGF | 17033W 6922N | 2623-22222 | 90 | GGGG |
| 11733W 5713N | 2614-18031 | 20 | G | 12653W 4717N | 2635-18274 | 0 | FGFF | 17059W 6803N | 2622-22170 | 90 | GGGF |

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER.
IMAGE QUALITY BLANKS=BAND NOT AVAILABLE. G = GOOD. P = POOR. F = FAIR.

ORIGINAL PAGE IS
OF POOR QUALITY

APPENDIX

EXPLANATION OF OBSERVATION ID

The day after the 999th day of operation of Landsat 1, the first digit of the observation ID becomes a 5, signifying that the 1000th day of operation has been reached. The next three digits, which correspond to the count of days since launch, return to 000. On each day thereafter the count, as before, increases by one. The ID format for Landsat 1 is illustrated below:

1000 - hhmmss
 --
 --
 1998 - hhmmss
 1999 - hhmmss April 18, 1975
 5000 - hhmmss April 19, 1975
 5001 - hhmmss (Days since launch equal 1001)
 --
 --

The same general identification procedure will be used for Landsat 2 imagery. The day after the 999th day of operation of Landsat 2, the first digit of the observation ID becomes a 6, and the next three digits return to 000 as explained above. An illustration follows:

2000 - hhmmss
 --
 --
 2999 - hhmmss
 6000 - hhmmss
 6001 - hhmmss (Days since launch equal 1001)
 --
 --

Key: hh = hours
 mm = minutes
 s = tens of seconds

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